



NONPOINT SOURCE SEMIANNUAL PROGRESS REPORT

JANUARY 01, 2008 through JUNE 30, 2008

Clean Water Act Section 319[h] (Grant No. C9-969801-01)

Prepared by:

State Water Resources Control Board

and

Regional Water Quality Control Boards

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**STATE WATER BOARD/REGIONAL WATER BOARDS NONPOINT SOURCE (NPS)
IMPLEMENTATION WORKPLAN PROGRESS REPORT SUMMARY FOR
JANUARY 01, 2008 – JUNE 30, 2008**

During this reporting period, the State Water Resources Control Board (SWRCB) continued its efforts: (1) targeting funding toward impaired waterbodies; (2) improving the documentation of environmental results; (3) expanding the application of the NPS Enforcement and Implementation Policy in SWRCB and Regional Water Quality Control Board (RWQCB) activities, and (4) expanding monitoring activities through the California Monitoring and Assessment Program (CMAP).

In anticipation of receiving funding for the 2007-08 CWA 319 Grant by July 01, 2007, all of the project grants previously approved by the SWRCB (see 2006-07 CWA 319 First Semi-annual Progress Report) were completed by the required deadline and met the work plan goal for project grant development and execution of reducing the timeline to 7.0 months. Unfortunately, the application for the 2007-08 CWA 319 Grant did not reach the U.S. Environmental Protection Agency – Region 9 (USEPA) in a timely manner and the FFY 2007 funds will not be received until late September or October 2007. As such, the approved projects totaling \$2,467,601 were put on hold since the required funding could not be encumbered. One grant project scheduled for funding with the anticipated FFY 2007 grant (Rural Roads Erosion Control Assistance – Santa Cruz Resource Conservation District [PIN #8825]) was covered with \$167,724 of unobligated grant funds from the 2004 CWA 319 Grant (Grant No. C9-9690680; PCA No. 436-04). In late 2007, the remaining 2007 CWA 319(h) funds (approximately \$1,600,000) will be included in a separate CWA 319 Request for Proposal (RFP) along with approximately \$4,050,000 of anticipated 2008-09 CWA 319 funding for grant projects scheduled to begin by July 1, 2008.

The NPS Program recently hired new staff whose efforts will be focused in the marinas and wetlands land use categories. In the agricultural land use category, staff continued coordinating discussion among various groups and addressing conflicts from proposed food quality requirements and environmental management practices (MPs), such as riparian buffers. These important issues are NPS Program related, but not covered in the annual workplan. Likewise, NPS staff continued to address RWQCB-5's irrigated agricultural waiver compliance with the NPS Implementation and Enforcement Policy as a result of the petitions that were filed challenging compliance. Staff continued meeting with the Department of Pesticide Regulation regarding the reevaluation of pyrethroid pesticides, a significant water quality problem, and coordinating responses and developing a solution to the lack of analytical methods for most registered pesticides. Staff has been working with the Coordinated Management for Food Safety and Water Quality Partnership to develop a collaborative process to address both concerns. NPS staff participated as a member of the California Water and Land Use Partnership (CAWALUP) in a Southern Partners Meeting and a Northern Partners meeting where the prospects of partnering with agencies, NGOs, etc. on the promotion of LID practices

we discussed. Staff also managed various contracts; one contract accounted for two new issues of the Runoff Rundown being published.

Staff began several notable projects during this progress reporting period that reflected a change in the way that business has been done. The NPS Program began work on a strategy that will reflect its core goals and objectives. Working with the RWQCBs, the strategy will establish NPS priorities and will be used to inform short-term and long-term goals. The home page for the NPS program has undergone a face lift and when finished will be user friendly as well as attractive. Eight Success Stories have been posted on the web page. The NPS Program has also begun work on the MP Miner with the goal of making it a comprehensive database of MPs that is easily accessible.

North Coast Regional Water Quality Control Board Program Summary

Over the course of this fiscal year, the level of effort in the North Coast Regional Water Quality Control Board (RWQCB-1) directed to the various listed tasks has differed slightly from that projected in the workplan. Regional Board management and staff as a whole have determined that total maximum daily load (TMDL) implementation in the Scott and Shasta River watersheds (Task 4) is a very high priority. NPS Program efforts in these watersheds is controversial and challenging for a number of reasons including the general negativity to regulatory oversight (this is the heart of the “State of Jefferson”), the relative lack of environmental regulatory oversight in recent years, and the number of different organizations and entities involved in TMDL implementation. The resources that the NPS Program is attempting to restore are significant and are a critical component of the Klamath River Basin fishery. In order to be successful in implementing these TMDLs, RWQCB-1 staff need to coordinate a number of elements, and present and maintain a regular presence in the watersheds. Accordingly, RWQCB-1 staff has devoted a significant amount of resources to this particular task, through a number of programs, with participants in this effort including technical lead staff, technical support, management, and the Executive Officer. A number of individuals that the RWQCB-1 staff work with in these watersheds have indicated their expectation that having adopted the TMDLs RWQCB-1 presence would “go away,” but our efforts have demonstrated that this is not the case. NPS Program management and staff expect that this effort will remain a top priority for the next several fiscal years, and additional resources may be directed towards this effort over future years, if necessary.

San Francisco Bay Regional Water Quality Control Board Program Summary

NPS Program tasks were generally on track this period for the San Francisco Regional Water Quality Control Board (RWQCB-2). The NPS coordinator and other staff completed the semi-annual progress report for July-Dec 2006, completed the 2007-08 Workplan, and attended monthly phone calls and January and April Roundtables. Staff managed five CWA 319(h) grant projects, including two new ones. Under the Hydromodification Task, RWQCB-2 staff conducted technical outreach, worked with

several advisory committees to develop technical management documents, reviewed implementation projects, and continued developing our Stream and Wetland Systems Protection Policy. Under the TMDL Task staff continued efforts in the dairy inspection program, grazing waiver scoping, working on a vessel management strategy for Tomales Bay, and focusing on sediment management practices in several key watersheds. Under the Critical Coastal Area (CCA) Task staff worked closely with the California Coastal Commission and a variety of local stakeholders to help develop a CCA Action Plan for one of our pilot CCA projects, the Fitzgerald Marine Reserve in San Mateo County, and attended the first stakeholder meeting for the pilot Sonoma Creek project.

NPS tasks were generally on track this period. The NPS coordinator and other staff completed the semi-annual progress report for January through June 2007 and attended monthly phone calls and July and October Roundtables. We managed five 319(h) grants. Under our Hydromodification Task we conducted technical outreach, worked with several advisory committees to develop technical management documents, reviewed implementation projects, and continued developing our Stream and Wetland Systems Protection Policy. Under our TMDL Task we continued our dairy program, grazing waiver development, worked on a vessel management strategy for Tomales Bay, and focused on sediment management practices in several key watersheds. Under the CCA Task we worked closely with the California Coastal Commission and a variety of local stakeholders to help develop a CCA Action Plan for one of our pilot CCA projects, the Fitzgerald Marine Reserve in San Mateo County, and continued working with stakeholders to plan for pilot Sonoma Creek CCA.

Central Coast Regional Water Quality Control Board Program Summary

The Central Coast Regional Water Quality Control Board (RWQCB-3) NPS Program made progress on several successful efforts this reporting period. Staff continued development of a method to track non-CWA 319h funded efforts (State Proposition 13, 40, 50, etc.) and document other nonpoint source management efforts. The goal being to develop a single, easy to use tracking system that will provide information for multiple users (such as NPS, grants and stormwater programs). For the Santa Maria River Watershed, NPS staff completed 19 water quality short-courses, serving a total of 775 attendees, 187 irrigation evaluations impacting 5,400 acres, trained 81 farmers how to utilize improved nitrate management techniques, impacting 3,694 acres, conducted 4 tours and 16 workshops with a total participation of 529 people, and five fact-sheets were produced (1/26/07). A summary report on management practice (MP) implementation was completed, using information from the required management practice checklists that were submitted by growers. This report is included in the RWQCB-3 deliverables, which is included as an attachment. The information from this report will be used in conjunction with field inspections, pesticide use reporting and monitoring data to assess the level and effectiveness of MP implementation.

Los Angeles Regional Water Quality Control Board Program Summary

Three members of the NPS staff left our office in the 2006 – 2007 fiscal year. These staff members were responsible for several NPS projects and the management of the NPS program in the Region. As a result of their loss, the program management commitments and several goals and objectives in the 2006-2007 CWA 319 Workplan for RWQCB-4 were not met. To rectify this situation, the NPS program has been restructured to be managed as part of the TMDL program. TMDL staff are currently handling the NPS workload. RWQCB-4 management has initiated recruitment of additional allocated staff to fulfill the NPS workplan for the 2007-2008 fiscal year. With a reduction in staff resources, RWQCB-4 focused on the implementation of the Conditional Waiver program as the key component of the NPS program for this fiscal year.

This fiscal year the Los Angeles Regional Water Quality Control Board (RWQCB-4) Nonpoint Source Program has focused on implementing the LA Region Conditional Waiver for Irrigated Lands (Conditional Waiver). More than 68% of the total irrigated acres in the Los Angeles Region were enrolled in the program in the first year (FY 2006-2007). The Regional Board Executive Officer issued a Notice of Applicability (NOA) to the Ventura County Agriculture Irrigated Lands Group (December 2006) and the Nursery Growers Association – Los Angeles County Irrigated Lands Group (February 2007) approving their Notice of Intent to Discharge (NOIs), Monitoring and Report Plans, and Quality Assurance Project Plans. It is anticipated that several thousand additional acres to be enrolled in the program when the discharger groups submit supplemental NOIs later this summer. This additional enrollment is due to continued outreach and Notice to Comply letters sent to non-filers. The discharger groups have kicked off their required water quality monitoring. Due to the extremely dry winter there was not any wet season monitoring this year; however, the groups have started their dry weather sampling events. The first annual monitoring reports from each group will be due the end of this calendar year. In addition, many growers have attended water quality education courses required by the Conditional Waiver. The Regional Board has approved water quality education courses offered by UC Extension - Ventura County, Ventura County Farm Bureau, California Strawberry Commission, CAPCA - Ventura County, CAPCA - Los Angeles County.

This fiscal year, the Los Angeles Water Board Nonpoint Source Program has focused on implementing the LA Region Conditional Waiver for Irrigated Lands and atmospheric deposition control.

More than 68% of the total irrigated acres in the Los Angeles Region were enrolled in the program in the first year (FY 2006-2007). An additional 11,709 additional acres were enrolled this fiscal year, bringing the total enrolment to 72%. The discharger groups have continued their required water quality monitoring. The first wet season monitoring event was not until December of this year; consequently, the first annual monitoring reports from the Ventura County Agriculture Irrigated Lands Group (VCAILG) was extended to February 15, 2008. The monitoring report for the Nursery Growers

Association (NGA) group was extended to February 6, 2008. Many growers have attended water quality education courses required by the Conditional Waiver. The Regional Board has approved water quality education courses offered by UC Extension - Ventura County, Ventura County Farm Bureau, California Strawberry Commission, CAPCA - Ventura County, CAPCA - Los Angeles County. Regional Board staff continued outreach efforts to enroll growers under the waiver either as individuals or members of the discharge groups. On November 15, 2007, the Regional Board sent notices of violation to approximately 400 growers who had not yet enrolled in the waiver.

Regional Board staff is also investigating sources of atmospheric deposition of metals to waterbodies in the Region. On May 15, 2007, under authority of section 13267 of the California Water Code, the Executive Officer required reports on the fate and transport of metals emitted by the 29 largest emitters in the Region. The reports were due by September 7, 2007, but based on information provided by certain facilities, staff granted extensions ranging from one month to one year. To date, ten facilities have submitted the required reports. Four facilities are exempt based on their closure, cease in emissions, or financial hardship. Several refineries petitioned the 13267 letters and in response, were allowed a one-year extension to complete a region-wide model. The remaining facilities are expected to submit their reports on time. Staff is currently reviewing the submitted reports for use in the development and implementation of upcoming and ongoing metals TMDLs and will follow up with non-responders as appropriate.

Central Valley Regional Water Quality Control Board Program Summary

The CVRWQCB covers approximately 60,000 square miles and promotes a watershed-based approach to address NPS pollution problems. Our project objectives are to: (1) work with watershed groups to encourage development and implementation of watershed management plans that address NPS pollution, (2) implement management measures, (3) develop new policy, and (4) educate and provide technical assistance to the public, agencies, and private landowners about NPS pollution problems. Staff is managing five 319(h) grants that support many of these objectives. For example, in the Feather River watershed grantees are working on a project for environmentally responsible management of tree crops, and in the Dry Creek watershed, near Roseville, a grantee has installed barriers and signs and restored an area damaged by OHV use. During this reporting period staff worked on compiling existing information related to developing a salinity policy in the region. The Clear Lake TMDL stakeholder group developed a MOU between interested parties for implementation of the nutrient and mercury TMDLs. Staff also worked with local stakeholder groups to develop two watershed assessments, five management plans, six monitoring plans and QAPPs and two monitoring reports.

In addition, in FY 05-06 workplan we had a task to implement nutrient management plans in non-NPDES dairies. At the time, the task turned out to be more complicated than anticipated. During this progress reporting period, we have adopted a general order for non-NPDES dairies which includes the requirements for nutrient management

plans, and we have been working with the California Dairy Quality Assurance Program to conduct workshops to increase dairy operators' understanding of the need for water quality protection.

Great strides were made this reporting period to stay on schedule with all the tasks. A documentary on salinity in the Central Valley is nearly complete and will likely be showcased at the 2007 NPS Conference. Two of the grant projects are expected to wrap-up in January 08, both with successful and meaningful water quality applications.

Lahontan Regional Water Quality Control Board Program Summary

During the six-month period for January to June 2007, the Lahontan Regional Water Quality Control Board's (RWQCB-6) major achievements were in adopting waivers to address the NPS sectors of grazing and timber harvest activities. A Grazing Waiver for Ranch Operations in the Bridgeport Valley and its California Environmental Quality Act (CEQA) negative declarations were unanimously passed at the June 13, 2007 Regional Water Board meeting. The Regional Board approved a revised Timber Waiver on February 14, 2007. Major deliverables included as part of this progress report are copies of both adopted waivers.

Other accomplishments included successful completion of two more contracts, bringing the total of contracts completed this fiscal year to five. Staff also focused outreach/education efforts on fuels reduction, invasive weed management, and wetlands.

Colorado River Basin Regional Water Quality Control Board Program Summary

The focus of efforts for the Colorado River Basin Regional Water Quality Control Board (RWQCB-7) NPS Program staff were to achieve effective implementation of three sediment TMDLs in the Salton Sea Transboundary Watershed, continue education and outreach to local landowners through the Imperial County Farm Bureau's "Voluntary TMDL Compliance Program", and a Nonpoint Source (NPS) Initiative pilot project. The three year progress report to the Regional Board regarding Imperial Valley Silt TMDL Implementation indicated that significant milestones are being achieved. Water quality monitoring data comprised of field observations, total suspended solids (TSS), and turbidity data collected over three years indicated that the TMDL three year interim target for TSS had been met.

Region 7's NPS Program focuses on TMDL implementation in the Salton Sea watershed, our Priority Watershed. Our 319(h) grant program supports the TMDL implementation efforts.

Santa Ana Regional Water Quality Control Board Program Summary

Tasks for the Santa Ana Regional Water Quality Control Board (RWQCB-8) NPS Program staff were generally completed on time. Successful efforts include

participation in several events during this period in which NPS information contained in brochures and pamphlets were distributed; developing and populating a database of likely irrigated agricultural operators who will be subject to proposed agricultural waiver, and evaluating alternate approaches for a waiver monitoring program. The strategy now being considered is a watershed-based approach whereby existing irrigated agricultural stakeholder groups, that have already demonstrated the capacity to conduct monitoring by identifying pollutants associated with irrigated agriculture discharges in the watershed, take on an additional role of waiver monitoring. In areas where this capacity is absent or where stakeholder groups have not formed, RWQCB-8 staff would initially conduct monitoring to establish relevant constituents that are to be listed in waiver monitoring programs.

Athar Khan was hired in November 2007 to be the NPS coordinator for Region 8. Dave Woelfel has been assisting Athar in getting up to speed with the program. A goal for the new coordinator will be to develop an agricultural waiver for the Region. In the last half of the year Region 8 staff has attended the NPS Roundtable in South Lake Tahoe in October, made presentations to the California Nursery conference on water quality regulations and the IACC Committee on the results of an investigation into the presence of copper and metals in Newport Bay. Outreach materials have been collected and developed and outreach activities have been increased.

San Diego Regional Water Quality Control Board Program Summary

During the reporting period, work funded by the 2006-07 CWA 319 Grant at the San Diego Regional Water Quality Control Board (RWQCB-9) proceeded in a generally satisfactory manner. The major effort this six month period focused on the work of the CWA 401 Certification Program. Water quality degradation is a symptom of unhealthy watersheds. Since healthy wetlands and riparian areas are essential to the health of watersheds, protection and restoration of the natural characteristics of wetlands and riparian areas are critical to protection and restoration of the health of watersheds. Preventing / minimizing the loss and degradation of wetlands and riparian areas and their associated functions and beneficial uses and ensuring that appropriate and adequate mitigation is done where such losses occur is an important part of protecting and restoring wetlands and riparian areas. The CWA §401 Certification program is critical to accomplishing this.

During the reporting period, work funded by CWA §319(h) funds in the San Diego Region proceeded in a generally satisfactory manner. Nevertheless, 319(h) resources provided to the SDRWQCB fall far short of what is needed to adequately address nonpoint source problems and threats in the San Diego region.

Summary of Financial Status of 2006-07 CWA 319 Grant

During the 2006-07 state fiscal year (SFY) (July 1 through June 30) only 85.75 percent (\$5,219,338) of the total funds allocated for personnel expenditures (\$6,086,412) in the 2006-07 CWA 319 Grant application were spent, leaving a \$877,596 available for other potential uses (see Table 1). This was primarily due to extended staff vacancies at the SWRCB and RWQCB-4. In addition, in order to draw down unspent personnel services funding from previous CWA 319 Grant years and lessen the amount of funds held in those grants, funding for SWRCB Division of Water Quality (DWQ) staff for the months of January through June 2007 were charged to unused personnel services from the 2001 CWA 319 Grant. The NPS Program plans to use these 2006-07 CWA 319 funds to support personnel services for selected RWQCBs during the first quarter of the 2007-08 SFY. As previously discussed, this is due to the 2007-08 CWA 319 Grant application not reaching the U.S. Environmental Protection Agency – Region 9 (USEPA) in a timely manner and the FFY 2007 funds not scheduled to be received until late September or October 2007.

With respect to the grant projects, as required all were encumbered during the first fiscal year (\$4,137,410) (see Table 2). During the year approximately \$82,535 was expended on the various grant projects, which was ahead of the anticipated grant project expenditure rate (see Table 3). Over the next year, the NPS Program expects to drawdown and/or obligate the excess personnel funds through expenditures for current year personnel costs and NPS-related contracts (e.g.; CCC personnel support, NPS tracking and monitoring, consultant services), with the ultimate goal of drawing down at a minimum 99.50% of the total grant award by June 30, 2010.

Table 1: 2007-08 CWA 319 NPS Program Expenditures and Workplan Allotments through June 2008

Organization	PYs	Personnel Expenses Expended (\$)	Op Exp. & "Other" Expended (\$)	Total Direct Expenses Expended (\$)	Indirect Expenses Expended (\$)	Total Organization Expended (\$)	Total Workplan Allotment (\$)	SWCAP Contribution (\$)	Total Organization Allotment (\$) Per Workplan	Personnel Allotment Remaining (\$)	Personnel Allotment Expended (%)	Organization Travel Allotment (\$)	Travel Allotment Expended (\$)	Travel Allotment Remaining (\$)	Travel Allotment Expended (%)
1	4.2	269,172	1,717	270,889	235,040	505,929	537,513	20,379	517,134	11,205	97.83	7,360	11,960	(4,600)	
2	3.7	266,500	0	266,500	232,351	498,851	473,523	17,953	455,570	(43,281)	109.50	6,480	1,377	4,346	
3	2.9	199,231	679	199,910	174,048	373,958	371,139	14,071	357,068	(16,890)	104.73	5,100	7,341	(1,019)	
4	2.7	167,081	40	167,121	145,230	312,351	345,544	13,101	332,443	20,092	93.96	4,730	3,219	3,239	
5	5.1	308,570	200	308,770	269,084	577,854	652,694	24,746	627,948	50,094	92.02	8,940	2,666	2,934	
6	2.6	168,272	0	168,272	146,936	315,208	332,746	12,616	320,130	4,922	98.46	4,560	6,393	(4,597)	
7	1.8	122,923	77	123,000	107,092	230,092	230,362	8,734	221,628	(8,464)	103.82	3,150	3,297	(290)	
8	1.8	115,440	12	115,452	100,837	216,289	230,362	8,734	221,628	5,339	97.59	3,150	1,646	1,2579	
9	1.7	100,202	0	100,202	87,475	187,677	217,565	8,249	209,316	21,639	89.66	2,960	0	2,512	
RWQCB Subtotal	26.5	1,717,391	2,725	1,720,116	1,498,093	3,218,209	3,391,448	128,583	3,262,865	44,656	98.63	46,430	37,899	4,233	
DWQ ¹	6.0	400,643	262	400,905	349,831	750,736	763,780	28,598	734,822	(15,914)	102.17	10,500	9,005	3,032	
DFA	3.4	203,642	36	203,678	177,639	381,317	439,481	16,662	422,819	41,502	90.18	5,970	1,181	3,612	
SWRCB Subtotal	9.4	604,285	298	604,583	527,470	1,132,053	1,203,261	45,620	1,157,641	25,588	97.79	16,470	10,186	6,644	
NPS Program Total	35.9	2,321,676	3,023	2,324,699	2,025,563	4,350,262	4,594,709	174,203	4,420,506	70,244	98.41	62,900	48,085	10,877	
TMDL	12.1	734,284	0	734,284	763,478	1,497,762	1,556,785	59,023	1,497,762	0	100.00	0	0	0	
GRANT TOTALS	48.0	3,055,960	3,023	3,058,983	2,789,041	5,848,024	6,151,494	233,226	5,918,268	70,244	98.81	62,900	48,085	10,877	

Not
es:

Table 1: 2007-08 CWA 319 NPS Program Expenditures and Workplan Allotments through June 2008

Table 1: 2007-08 CWA 319 NPS Program Expenditures and Workplan Allotments through June 2008

Table 2: 2006-07 CWA 319 Grant Actual Expenditures for Project Grants Through June 30, 2007

No.	Regional Board	Project Grant Title	Project Grant No.	Contractor	Encumbered (\$)	2006-07 Expenditures (\$)	Balance (\$)
1	6	Indian Creek Reservoir TMDL Mitigation	06-244-556-0	South Tahoe Public Utilities District	609,166	0	609,166
2	2	Demonstrating Road Improvements	06-245-552-0	Napa County RCD	344,222	0	344,222
3	2	STRAW Project	06-246-552-0	The Bay Institute	283,500	23,201	260,299
4	1	Trinity River Watershed TMDL Implementation Project	06-247-551-0	Trinity County RCD	675,000	27,850	647,150
5	1	Little Larabee Watershed Sediment Control Project	06-248-551-0	Eel River Watershed Improvement Group	773,776	19,670	754,106
6	1	Shasta Water Assoc. Dam Demobilization and Water Quality Enhancement Project	06-249-551-0	Shasta Valley RCD	635,000	788	634,212
7	3	Rural Road Erosion Control Assistance	06-250-553-0	Santa Cruz County RCD	816,746	11,026	805,720
TOTAL					4,137,410	82,535	4,054,875

Table 3: Summary of 2006-11 CWA 319 Grant Expenditure Budget and Funding Drawdown¹

State Fiscal Year (SFY)	Budgeted (\$) (SWRCB-DWQ)				Actual 2006-07(\$)/Estimated 2007-2011				Remaining at End of SFY(\$)			
	Personnel	Projects	SWCAP	Total	Personnel	Projects	SWCAP	Total	Personnel	Projects	SWCAP	Total
2006-07	6,139,317	0	267,273	6,406,590	5,578,500	82,535	267,273	5,928,308	560,817	4,054,875	0	4,615,692
2007-08	0	1,000,000	0	1,000,000	560,817	917,465	0	1,478,282	0	3,137,410	0	3,137,410
2008-09	0	2,122,000	0	2,122,000	0	2,122,000	0	2,122,000	0	1,015,410	0	1,015,410
2009-10	0	1,015,410	0	1,015,410	0	1,015,410	0	1,015,410	0	0	0	0
2010-11	0	0	0	0	0	0	0	0	0	0	0	0
Total	6,139,317	4,137,410	267,273	10,544,000	6,139,317	4,137,410	267,273	10,544,000	NA	NA	NA	NA

Note: 1. Amounts (\$) in normal font were budgeted or calculated by SWRCB Division of Administrative Services and *italicized* amounts are calculated or estimated by SWRCB-DWQ.

NPS Program Summary

Task 1: Grant Administration and Fiscal Support			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
1.1. Grant Management	a. Development of semi-annual expenditure-status reports for all open CWA 319 Grants (see Deliverables 1.01). b. Development of FFY 2002 Grant closure report (see Deliverable 1.03).	a. Yes b. Yes	
1.2. Grant Application and Fiscal Administration	Securing of federal assistance for the NPS Program through submittal of 2008-09 CWA 319 Grant application.	Yes	
1.3. Contract and Grant Review Process	a. Draft 2007/2008 CWA 319 contract/grant recipients list. b. Compliance with the nine USEPA CWA 319 elements of watershed-based plans. c. Adoption of 2007/2008 CWA 319 contract/grant recipient list by SWRCB.	a. Yes b. Yes c. Yes	
1.4. Contract and Grant Agreement Development and Tracking	a. Weekly list delineating status of new and active CWA 319 projects posted on the DFA web site (see Deliverable 1.07) b. Maintain the current 7.0-month timeline required to execute contracts/grants for CWA 319 projects so that all are encumbered no later than the end of first year of 2007 CWA Grant.	a. Yes b. Yes	

<u>Deliverables due this reporting period:</u>
<p>1.01. Semi-annual Expenditure Analysis Report (Subtask 1.1) (<u>Status:</u> Complete and submitted to USEPA – Region 9 on August 15, 2007)</p> <p>1.03. Grant Closure Report for CWA 319 2002-03 Grant (Subtask 1.1) (<u>Status:</u> Complete and submitted to USEPA – Region 9 on November 07, 2007)</p> <p>1.07. CWA 319 projects posted on DFA website (Subtask 1.4) (<u>Status:</u> On-going weekly updates e-mailed to USEPA – Region 9 by SWRCB – Division of Financial Assistance [DFA])</p>
<p>Major achievement this reporting period: <i>As part of the SWRCB's Consolidated Grant's Process (CGP), Division of Water Quality (DWQ) staff reviewed a total of 88 final proposals. A list of ten (10) projects was recommended for Clean Water Act (CWA) 319(h) funding. These projects were submitted to and adopted by the SWRCB in September 2006 (SWRCB Resolution No. 2006-0063). In anticipation of the receipt of FFY 2007 funds, one project from the Proposition 50 Coastal Nonpoint Source Pollution Control Program was also selected for CWA 319(h) funding, and approved by the SWRCB through SWRCB Resolution Nos. 2006 -0063 and 2006-0087, respectively. These additional proposals total \$2,467,601, leaving approximately \$1,600,000 remaining for projects to commence in 2008. In 2007, the remaining CWA 319(h) funds will be included with other Proposition funds in a request for concept proposals.</i></p>
<p>Environmental benefit expected or achieved: The environmental benefit expected or achieved through this task is to more effectively apply for and utilize the funding provided through the CWA 319 Grant Program. Because the grant projects selected and executed through the CGP provide direct water quality improvements associated with measurable load reductions (e.g.; sediment, nutrients), the more simplified and expeditious process developed by the SWRCB to get these project grants implemented results in a more timely environmental benefit than in previous years.</p>

<u>Task 2: NPS Program Implementation by Land Use Category</u>			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
2.1: Urban	<p>a. Provide comments on at least two (2) permits Storm Water Permits as they are released as drafts (permits due for renewal include: Caltrans Municipal Permit; and various MS4 Phase I and II Permits up for adoption by RWQCBs).</p> <p>b. Write letter to Tribal Communities to invite participation (Deliverable 2.01) Organize meeting to introduce LID concept to tribal communities; Form technical workgroup; Literature search for current projects that incorporate LID techniques (Deliverable 2.02) Develop criteria for LID projects (Deliverable 2.03)</p>		

2008

	<p>Develop guidance for using SEPs for LID (Deliverable 2.04)</p> <p>c. Attend TAC meetings</p> <p>d. Digitize sufficient sample sites for analysis of tool (Tetra Tech in kind service product). Development of criteria to select coefficients (Tetra Tech in kind service product). From these tools developed from this project, Staff will produce a report on the applicability of the ISAT tool as a MM indicator for MMs 3.1A, 3.1B, and 3.1C (see Deliverable 2.05)</p> <p>e. Assessment Summary for urban areas (see Deliverable 2.06) Draft Five-Year Implementation Plan for urban areas Final Five-Year Implementation Plan for urban areas (see Deliverable 2.07)</p>	<p>c. Yes</p> <p>d. Yes</p> <p>e. Yes</p>	
2.2.1: Agriculture	<p>a. Develop criteria for coordinated water quality protection and food safety MPs. (see Deliverable 2.08) Literature search for MPs that address both food safety and water quality. (see Deliverable 2.09)</p> <p>b. Develop priority list. (see Deliverable 2.10) Attend meetings with DPR to address appropriate studies to develop pyrethroid mitigation methods.</p> <p>c. Needs assessment summary on RB ag waiver program including role of SB NPS staff.</p> <p>d. Assessment Summary for Ag (see Deliverable 2.11) Draft Five-Year Implementation Plan for Ag Final Five-Year Implementation Plan for Ag (see Deliverable 2.12)</p>	<p>a. No</p> <p>b. Unknown</p> <p>c. No</p> <p>d. Yes</p>	<p>a. The final report for the Coordinated Management of Food Safety and Water Quality Conference was not posted until 12/14/07. The full text of the report, as well as its component parts are posted. Additional information will be posted to the site during the next few weeks. Analysis of criteria will begin once all information becomes available</p> <p>b. Management reassigned task.</p> <p>c. Waiting for R5</p>
2.2.2 Animal nutrient management	<p>2. Report on occurrence of animal waste impacts on water quality and implications for separate MPs. (see Deliverable 2.13)</p>	<p>2. No</p>	<p>2. See a above.</p>
2.3: Marinas	<p>a. Identify marinas where additional sewage disposal facilities/services are needed to meet boater needs (see Deliverable 2.14).</p> <p>b. One approved SWRCB General Order for sewage pumpout facilities in RWQCB-2 or 4 (see Deliverable 15).</p> <p>c. Report, for inclusion in the Annual Report, evaluating the participation in and effectiveness of existing Clean Marina Programs; this information will also be available to marina operators. (see Deliverable 2.16).</p> <p>f. Assessment Summary for marinas (see Deliverable 2.17) Draft Five-Year Implementation Plan for marinas</p>	<p>a. Yes</p> <p>In progress</p> <p>yes</p>	<p>This report was done in 2002 by DBW; I am not sure why another should be done, the report was quite extensive.</p> <p>Expected completion, July 2008.</p>

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	Final Five-Year Implementation Plan for marinas (see Deliverable 2.18)	In progress	Expected completion, July 2008.
2.4 Forestry	a. Assessment Summary for Forestry (see Deliverable 2.19) Draft Five-Year Implementation Plan for Forestry Final Five-Year Implementation Plan for Forestry (see Deliverable 2.20)		
2.5 Wetlands	a. Update of existing summary report that describes several key statistics of wetland and riparian areas restoration projects for use in Annual Report (see Deliverable 2.21). b. Assessment Summary for wetlands (see Deliverable 2.22) c. Draft Five-Year Implementation Plan for wetlands d. Final Five-Year Implementation Plan for wetlands (see Deliverable 2.23)	no	
2.6 Stream Modification and Hydromodification	a. Participate in the new Hydromod Workgroup and work collaboratively with other agencies on regulatory language and riparian setback requirements. b. At least two speakers will address NPS hydromodification issues for SB/RB staff and other interested agency staff. At least two workshops will be held with speakers addressing topics dealing with issues for urban and riparian audiences on land form grading techniques c. Assessment Summary for hydromod (see Deliverable 2.24) Draft Five-Year Implementation Plan for hydromod Final Five-Year Implementation Plan for hydromod (see Deliverable 2.25)	In progress In progress	a. Have been in contact with Stormwater and am currently working on riparian set back methodology. Working with committee on a stream naturalization and green engineering workshop through the Training Academy that will take place during the Spring in LA.

Deliverables due this reporting period:

- 2.01. Letter to Tribes (Subtask 2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.02. Literature search for LID techniques (Subtask 2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.03. Criteria for LID projects (Subtask 2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.05. Report on application of ISAT tool as MM indicator (Subtask 2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.06. Assessment Summary for urban (Subtask 2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.08. Criteria for coordinated water quality protection and food safety MPs. (Subtask 2.2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.10. Priority list. (Subtask 2.2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.11. Assessment Summary for ag (Subtask 2.2.1) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.13. Report on occurrence of animal waste impacts on water quality and implications for separate MPs. (Subtask 2.2.2) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
- 2.17. Assessment Summary for marinas (Subtask 2.3) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)

- 2.19 Assessment Summary for forestry (Subtask 2.4) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
 2.22 Assessment Summary for wetlands (Subtask 2.5) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)
 2.24 Assessment Summary for hydromod (Subtask 2.6) (Status: Complete and submitted to USEPA – Region 9 on August 15, 2007)

Major achievement this reporting period:

Environmental benefit expected or achieved:

Task 3: NPS Program Implementation State-wide Focus

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
3.1: Outreach and Education	<p>a. Redesigned website on line - 50% more visitors/weekday than currently New and updated items posted as 'News and Updates'. Post newsletter, encyclopedia updates one/month; with three/month of lesser priority NPS Program news items (only) being posted on the NPS Program website's redesigned 'News and Publications' area. 80 of the currently 91 NPS 319(h) projects web posted will be updated with positive & at least partly quantifiable outcomes; projects will be web posted</p> <p>b. Updating of MP Miner to make database more searchable (Tetra-Tech) At least 100 new MP studies incorporated into the updated MP Miner database (SWRCB) (Deliverable 3.02).</p> <p>c. Annual updates of NPS Encyclopedia (Tetra-Tech) Send out notification of updates through LYRIS NPS mailing list (SWRCB).</p> <p>d. Nine (9) success stories will be posted on SWRCB NPS home page (see Deliverable 3.03). 1 success story submitted for publication on EPA's website</p> <p>e. Prepare monthly agendas and summaries for phone calls and agendas for quarterly for NPS RTs; at least one RWQCB will share a successful outcome, learning experience or update on RWQCB activities that would be of interest to other RWQCBs and SWRCB staff.</p> <p>f. Coordinate meetings with USEPA, SWRCB, CCC, and RWQCB staff to make decisions on NPS conference status. Specific</p>	<p>b. Yes</p> <p>c. In progress.</p> <p>d. yes</p> <p>e. yes</p> <p>f. yes</p>	<p>Continuing work with TT on format; not yet ready for studies to be incorporated.</p> <p>The NPS Encyclopedia is going to be put online and content updated by SWRCB. It is expected to be complete by the NPS Conference in May in which time a poster presentation will be used for tech-transfer and to update users.</p>

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	<p>milestones include: site selection, agenda development, speaker solicitation and selection, keynote speaker selection, field trip and workshop selection and coordination on-site coordination.</p> <p>g. Conference</p>	g. yes	Conference date moved to May 2008.
3.2: Monitoring	<p>a. Identification of the extent of existing monitoring programs and areas where monitoring programs should be initiated. Also provide 2-3 case studies of acceptable marina water quality monitoring programs.</p> <p>b. Build Tools for Stressor Association. This tool will be built to enhance the understanding of relations between biotic condition of streams, and various NPS activities occurring in upstream watershed. Their relationships can: 1) increase the amount of information derived from CMAP data, and 2) provide products that are useful to both the SWRCB and RWQCBs. A report will be produced to identify broader ways of using data from different surveys (probabilistic and targeted) designs can contribute to a full response to key environmental stressor gradient (i.e., sediment).</p> <p>c. Report associating benthic macroinvertebrate assemblages with agriculture and urban land use in the Central Valley. The report will include meta-analysis of the existing Central Valley dataset, identify and filling gaps with supplemental conditions, and develop an interpretive index for stream conditions assessment in the Central Valley. This index will create a measuring tool that can utilized to determine changes in stream conditions associated with agriculture and other land uses.</p> <p>d. Poster</p> <p>e. Meeting material and information on the studies.</p> <p>f. Products from these efforts will be obtained through CMAP (a).</p> <p>g. Report on study on the results of the Copper Monitoring Study.</p> <p>i. MOU</p>		
3.3: Critical Coastal Areas	<p>a. Updated CCA list. (<u>Note:</u> Project led by the CCC staff and deliverable specified CCC contract – see Task 4.2).</p> <p>b. Development of: watershed maps for each CCA; watershed mapping planning tool that can be used for other CCAs; identification of land use types and sources of pollutants; estimated load reductions; and description and recommendations for implementation of NPS MMs (see Task 4.5).</p> <p>c. CCA Action Plans for three (3) CCA pilot projects. (<u>Note:</u> Project</p>		<p>CCA list has not been updated since 2002. It is not on the contract and is not expected to add much of a benefit as the pilot projects and subsequent process for the remaining CCAs has not been developed.</p> <p>Partially complete. A technical analysis was completed for CCAs and a mapping tool is not practical. However, GIS users have access to data</p>

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	led by the CCC staff and deliverable specified CCC contract – see Task 4.2).		and a BMP Prioritization Tool is being explored as a method to use GIS for BMP site selection. A committee has been formed to utilize this tool for at least one of the 3 CCAs, most likely Sonoma Creek. See task 4.2 below.
3.4: Grants Reporting and Tracking System (GRTS)	Update annual load reductions for all sediment/nutrient projects that have first year input, and enter estimates for all projects that are required to report by February 2008 (see Deliverable 3.05).	Yes	TBD
3.5: EPA Strategic Plan Water Quality Tracking	a. Issue paper/case study for further action for French Creek Workteam established for one or more priority watersheds b. Templates developed for Regional use Draft Measure W determination for French Creek or other a. Final Measure W determination and recommendation for EPA on selected high priority watersheds	a. Yes b. Yes N	
3.6: Semi-annual Progress Reports on CWA 319 NPS Program Activities	a. Draft Semi-annual Progress Reports Final Semi-annual Progress Reports (see Deliverable 3.07)	Yes	
3.7: Annual Progress Report on Statewide NPS Program	a. Draft Annual Progress Report (see Deliverable 3.08) b. Final Annual Progress Report (see Deliverable 3.09)	Yes	
3.8: Develop Annual CWA 319 Workplan	Develop and agree to workplan development and grant application submittal schedule with US EPA a. Draft Annual Workplan (see Deliverable 3.10) b. Final Annual Workplan (see Deliverable 3.11)		
3.9: Revised NPS Program Strategy	a. Draft NPS Program Strategy (see Deliverable 3.12) b. Final NPS Program Strategy (see Deliverable 3.13)	No	Much of the information from the Program Strategy was used in the development of the FYP; further development has been put on hold pending further development of the FYP, so that the FYP and strategy are compatible.
3.10: EPA Five-Year Plan	a. Lexicon for Plan (Draft; Living Document) (see Deliverable 3.14) b. Draft Objectives and Goals (see Deliverable 3.15) c. Final Objectives, Goals & Performance Measures (see Deliverable 3.16) d. Draft FYP (see Deliverable 3.17) e. Second Draft FYP (see Deliverable 3.18)	a. Yes b. Yes c. No	Lexicon completed Draft objectives and goals completed Mid-course change in structure, revisions in progress
3.11 State Strategic Plan		N/A	Plans for NPS Strategic Plan were not necessary.

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3.12 Watershed Planning	a. Final WMI Charter b. Comments on initiatives etc. as appropriate c. Watershed Planning workshops	Y Y N/A	Completed
<u>Deliverables due this reporting period:</u>			
3.01 Update 80 projects and outcomes to be DWQ-web posted (Subtask 3.1) 3.03 Nine (9) success stories will be posted on SWRCB NPS home page (Subtask 3.1) 3.07 Final Semi-annual Progress Reports (Subtask 3.6) 3.08 Draft Annual Progress Report (Subtask 3.7) 3.09 Final Annual Progress Report (Subtask 3.7) 3.12 Draft NPS Program Strategy (Subtask 3.9) 3.14 Lexicon for Plan (Draft; Living Document) (Subtask 3.10) 3.15 Draft Objectives and Goals (Subtask 3.10) 3.16 Final Objectives, Goals & Performance Measures (Subtask 3.10) 3.17 Draft FYP (Subtask 3.10) 3.18 Second Draft FYP (Subtask 3.10)			
Major achievement this reporting period:			
Environmental benefit expected or achieved:			

<u>Task 4: CWA 319 Contract Management</u>			
Contract Number Project Name	Milestones/Products/ Outcomes 7/07 to 12/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)
4.1-Water Education Foundation (WEF) (04-211-555-0) The Runoff Rundown: A Catalog of California's Nonpoint Source Management Activities	1. One newsletter (hardcopy & electronic) due 10/10/07 2. Third-year web-based and hard copy questionnaire to assess publication.	Yes	Completed. Final report due 01/08.
4.2-California Coastal Commission (TBD) Implementation of NPS	1. Develop LCP development guidance materials. 2. Three quarterly fact sheets with information on the implementation and effectiveness of MPs in the Coastal Zone. 3. CCA Action Plan Watershed Assessment for three pilot projects.	In progress In progress In progress	The CCC contract was initiated late due to staff turn-around. CCC Contract was initiation under a new contract manager. FMR has made great progress towards completing their

Program Plan	Updated CCA List.		Watershed Impairment Assessment. The other two CCA pilot projects have accepted SFEIs impairment assessment.
4.3-University of California Davis Extension (05-311-250-0) Non-Point Source Water Pollution Outreach and Educational Program	1. Three quarterly project reports. 2 Identify existing information, and use it to format and develop outreach and educational materials to be used at workshops (task 5) including, but not limited to, case histories, contact and reference information, important research papers, project slides, photos and diagrams, models such as IS Analysis tools, and other relevant materials. Selected elements of the materials will be turned into a variety of different media, such as a minimum of eight (8) written fact sheets, compact disk (CD) format, slide shows, brief policy and technical memoranda and papers, or other media for distribution at conferences, classes, workshops and distribution to professionals.		This contract is on track. Development of website is complete, several workshops have been held and materials developed for each; also requests for presentations at other workshops have been accepted.
4.4-Department of Pesticide Regulation (05-218-250) Copper Monitoring Study at Marinas	1. Produce 3 Progress Reports 2. Draft Project Report 3. Final Project Report		Completed Delayed to February 28, 2008. Additional time was needed to write a more thoroughly completed report. In addition, State Board Meeting were either cancelled or rescheduled, which effected DPR's decision making process.
4.5-San Francisco Estuary Institute (05-309-250)) Critical Coastal Areas Pilot Studies for Watsonville Slough; James Fitzgerald Marine Reserve; and Sonoma Creek	1. Watershed maps for each CCA 2. Watershed mapping planning tool 3. Impairment Assessments Summary 4. Estimated Load Reductions 5. Description of NPS MMs that need to be implemented and evaluation of effectiveness of existing MMs. 6. Evaluation of use of impervious surface in pilot areas Project Report	Partially done	Some minor changes to deliverables were approved due to the unexpected amount of unbudgeted time and resources that were involved in the voluntary stakeholder process and workshops. Phase II has been initiated (under a Proposition 50 grant) and the activities included will complete these tasks.
4.6-California Department of Fish and Game (03-273-250-0) SWRCB California Monitoring and Assessment Program (CMAP)	1. Monitoring data will be collected at at least 30 sites. 2. Write a draft Statewide Assessment Report for NPS Program and SWAMP. 3. Execution of the second amendment 4. Build Tools for Stressor Associations – Tolerance Tables 5. Produce a Synthesis Report: Combining Data from Targeted and Probabilistic Sites 6 Produce a Statewide Conditions Report. 7. Produce a NPS Report	Yes	Delayed due to the availability of some of the data. Draft was completed in October 2007. Executed in May 2007. Completed in August 2007. New deliverable date August 31, 2008, execution of the amendment was delayed. New deliverable date December 30, 2008, execution of the amendment was delayed. New deliverable date December 30, 2008, execution of

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	8. Produce Draft Final Report 9. Produce a Final Report	the amendment was delayed New deliverable date February 1, 2009, execution of the amendment was delayed. New deliverable date March 1, 2009, execution of the amendment was delayed.
4.7-Chico State University, Chico Research Foundation (06-119-250-0) Standardization of Freshwater Invertabrate Taxonomy to Support Biocriteria	1. Execute the contract. 2. Develop a formal set of standardization files for BMI taxonomy and organize 3. Establish a consensus-building process to be used to standardize CA bioassessment taxonomy. 4. Develop a Taxonomic Workshop 5. Produce a Draft Report 6. Produce a Final Report	Completed Completed Yes Yes Yes Yes
4.08-California Department of Fish and Game (03-273-250-2) Associating Benthic Macroinvertebrate Assemblages w/ Agriculture and Urban Land Uses in the Central Valley	1. Execute the work through the second amendment of the CMAP contract. 2. Gather and evaluate existing metadata, determine data gaps and address with supplemental monitoring and develop interpretative index. 3. Report on benthic macroinvertebrate assemblages with agricultural and urban land uses in California's Central Valley	Completed No, execution of the amendment was delayed. New deliverable date February 28, 2008, execution of the amendment was delayed.
4.09-San Jose University, Foundation Expanding Role of Citizen Monitoring	1. Execution of the Contract. 2. Produce a QAPP and Monitoring Plan for California Rapid Assessment Monitoring 3. Produce a Guidance Document for the Citizen Monitoring 4. Produce a NPS Program Citizen's Monitoring Strategic Plan 5. Produce written result a survey taken from citizen monitors for NPS Program data needs and project participation. 6. Produce a SWAMP compatibility guidance document 7. Produce a SWAMP compatible data uploads web link7. Produce a 8. Communication Strategy for Cititzen Monitoring. 8. Produe a methods comparison between CRAM and CMAP habitat assessments. 9. Produce a report on probabilistic riverine conditions 10. Produce a draft and final report.	Completed, but delayed. Completed in August 2007. No, late due to the delayed in the execution of the contract. No, late due to the delayed in the execution of the contract. No, late due to the delayed in the execution of the contract. No, late due to the delayed in the execution of the contract. No, late due to the delayed in the execution of the contract. Yes Yes No, late due to the delayed in the execution of the contract.

4.10 San Jose University Foundation (included in contract 06-308-250-0 Expanding Role of Citizen's Monitoring) Evaluate the Long-term Effectiveness in the Trout Creek Restoration Project	1. Execute the work through the Expanding the Role of Citizen's Monitoring. Produce a report on the assessment of the effectiveness of the Trout Creek Restoration Project at improving instream ecological conditions.		Yes Yes
<u>Deliverables due this reporting period:</u>			
Major achievement this reporting period:			
Environmental benefit expected or achieved:			

North Coast Regional Water Quality Control Board Nonpoint Source (NPS) Implementation Workplan July 1, 2007 – June 30, 2008		
RWQCB-319-07/08-Workplan Tasks	PYs	Cost
Task 1: NPS Program Coordination	0.4	51,192
Task 2: 319 Project Management	1.1	140,777
Task 3: NPS Implementation - Dairies	0.55	70,389
Task 4: NPS Implementation – Shasta and Scott River Watersheds	0.65	83,186
Task 5: NPS Implementation – Regionwide Waiver for Various Activities	0.5	63,990
Task 6: NPS Implementation – Pre-Permitting Groundwork: Focus on the North Coast Railroad	0.55	70,389
Task 7: NPS Implementation – Miscellaneous NPS Activities	0.45	57,591
TOTAL	4.20	537,512
CWA 319(h) Allocation		
\$537,512	\$23,354	\$514,158
Average cost per PY		\$128,000
<u>Outcome:</u>		
In Fiscal Year 2007/08, we propose to continue the path we started during Fiscal Year 2006/07, with the goal of, over the next few fiscal years, methodically developing permitting mechanisms that require non point source dischargers throughout the region to prepare and implement pollution control plans for their individual properties and activities with the ultimate outcome of controlling controllable sources of non point source pollution throughout the region and ensuring that water quality impairments caused by non point source pollution are eliminated and that unimpaired waters do not become impaired by non point source pollution.		
<u>FFY 07 Objective:</u>		
We will continue implementing our Non Point Source Policy compliance priority list, will develop at least one individual dairy permit, begin developing a regionwide general dairy permit by the end of the fiscal year, and will determine the appropriate type and content of the permitting mechanism (WDRs, waiver, or prohibition) for NPS activities in the Scott and Shasta River watersheds. In addition, we hope to have completed our Task 5 efforts for at least 8-10 specific sites in our region. We will report to our Board on our progress with these efforts at the May or June 2007 Board meeting.		
Midyear report: The bulk of our effort over the reporting period was directed toward TMDL implementation in Scott/Shasta (Task 4), complaint response (Task 7), waiver policy renewal (Task 5), grant management (Task 2), and gravel mine permitting (not on workplan).		
End of year report: we continued to focus much of our effort on Tasks 2, 4, and 7 (mainly complaint response under this task), but also made significant progress		

in Task 3 (setting the groundwork for and completing an internal review draft of our first general dairy permit).

Staff	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Total PYs
Michele Fortner	0.2	0.3	0.1		0.1	0.1	0.2	1
Janet Blake		0.2						0.2
Scott Gergus		0.1	0.25		0.15	0.35		0.85
Kathleen Daly		0.4						0.4
Andrew Baker				0.65	0.2		0.15	1
Jonathan Warmerdam			0.15			0.1		0.25
Diana Henrioulle	0.1		0.1	0.05			0.05	0.3
Adona White		0.1						0.1
Administrative Support	0.1		0.05	0.05	0.05		0.05	0.3
Total PY per Task	0.4	1.1	0.65	0.75	0.5	0.55	0.45	4.2

<u>Task 1: NPS Program Coordination</u>			
Description: To improve the overall NPS program, this task organizes the program infrastructure based on the updated NPS Program Plan and focuses information exchange among the Regional and State Boards and other State agencies.			
Outcome: To build a cohesive statewide program by focusing on baseline 319(h) workplan activities.			
FY06 Objectives: The purposes of NPS Program Coordination are to build a cohesive statewide program and to highlight near term successes.			
Subtask	Descriptions	Milestones	Schedule
a. Evaluate Program Success	1. Develop draft annual CWA 319 Workplan 2. Develop final CWA 319 Workplan 3. Complete semi-annual progress reports on CWA 319 Workplan activities for 07/07-12/07 and 01/08-06/08. 4. Write an annual CWA 319 Project Success Story	1. Draft CWA 319 2008-09 workplan (see Deliverable 1.1) 2. Final CWA 319 2008-09 workplan (see Deliverable 1.2) 3. CWA 319 Semiannual Progress Report for 07/07 – 12/07 (see Deliverable 1.3) 4. CWA 319 Semiannual Progress Report for 01/08 – 06/08 (see Deliverable 1.4) 5. CWA 319 Project Success Story (see Deliverable 1.5)	1. 03/15/08 2. 05/01/08 3. 07/31/07 4. 01/31/08 5. 12/01/07
b. Information Exchange/Outreach	1. RT and monthly phone calls – participate in quarterly RT and monthly phone calls to keep updated on statewide policies and programs and to coordinate regional and statewide strategies to reduce NPS pollution. 2. NPS Biennial Conference – the next conference will be held in March 2008. NPS staff will participate in planning meetings inform July 2007 through April 2008. 3. IACC and subcommittee participation – periodic attendance (by telephone) at Wetland, Boating, and Forestry subcommittee meetings		Ongoing
c. Contract and Grant Review	Review proposed grant-funded projects, process invoices, review and make recommendations to State Board contract manager regarding requested contract amendments and revisions, review monitoring and other reports to assess for completeness and consistency with contract.		Ongoing
d. Critical Coastal Areas	1. Periodically attend Critical Coastal Committee meetings (via telephone) and provide deliverables as assigned by the CCA committee. 2. Attend all North Coast CCA subcommittee meetings and group activities related to pilot CCA. 3. Provide deliverables as assigned by the North Coast CCA subcommittee chair.	As assigned; most past tasks have involved supplying information to complete information sheets or other documents	Ongoing

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e. Nine (9) Watershed Elements Review	During grant application reviews, review and confirm that the nine (9) elements of a watershed plan listed as part of the grant application are accurate and complete, and create a record (e-mail) of this review for the RB, SB and EPA grant files. (I think we completed this in FY 2006/07)	One e-mail per nine (9) element review verifying record to SB and EPA.	Feb – April, 2008
f. Measure W Activities	Indicate how Region is working towards attaining, and documenting attainment of the US EPA Strategic Plan Water Quality/Watershed Sub-Objective Restoration and Improvement Strategic Measures (Measure W) for those high priority watersheds in Region 1. (e.g.; French Creek, Terwar Creek, Garcia River, Shasta River) Is this covered in Task 4 – Scott and Shasta River Watersheds. – Measure W reports are completed by our TMDL development unit, with information from our TMDL lead staff (Garcia – Jonathan Warmerdam: Scott (includes French Creek) – Bryan McFadin, Shasta – Andrew Baker).	REPORTS PROVIDED NOV/DEC 2007	
Deliverables:			Due Date:
1.1 Draft CWA 319 2008-09 workplan			03/15/08
1.2 Final 319 workplan for FY 2008-09			05/01/08
1.3 CWA 319 semi-annual progress report (Jan-Jun 2007) DONE			07/31/07
1.4 CWA 319 semi-annual progress report (Jul-Dec 2008)			01/31/08
1.5 CWA 319 project success story DONE			12/01/07
Budget in PYs:			
0.4			

Task 2: 319 Project Management

Description: For existing projects, staff reviews invoices, progress reports, project products and conducts project inspections in the field. Staff coordinates responses to federal Grants and Tracking and Reporting System requirements (GRTS) by supplying load reduction data from projects, electronic copies of agreements and amendments, and final project reports. For new projects, staff reviews draft Scopes of Work and Budgets. For all projects, staff maintains audit-ready project files.

Outcome: All projects kept on time and in compliance with their contracts so as to effectively address or control the water quality problems which they are intended to address.

FY06 Objectives: Manage the listed contracts, ensure that work products expected for this year are completed on schedule and in compliance with their contracts.

List of Contracts/Products with Schedule:-

Contract Number Project Name	Lead Entity	Contract Amount	Project Description	Watershed Code	Contract Manager	Milestones/Products/ Outcomes 7/06 to 6/07	Contract Schedule	
							Start Date	End Date
04-058--551-0 Eel River Sediment Reduction Phase III	Humboldt Co RCD	\$500,000	This project will implement measures to reduce sediment through culvert upgrades, culvert replacement/removal and armored rolling and critical dip installations and other treatments to reduce runoff, diversion potential, and gullyng.	HUC 18010105, 18010106	Kathleen Daly	An amendment was requested in March 07 which will provide for additional staffing. In FY 07-08 the grantee is expected to: Additional list of selected projects. Site –specific workplans and landowner agreements. Implementation on landowner projects will resume 7/07. Evaluate Project effectiveness through photo documentation. We received the final report in December 2007. Per the final report, the contractor completed 18 individual projects within the Van Duzen and South Fork Eel River watersheds, and reported a total of 6611 and 8388 cubic yards of sediment “saved” in the South Fork Eel and Van Duzen watersheds, respectively. Received & approved final invoice during this report period. Project completed.	11/1/04	12/31/07

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04-217-551-0 Mattole River and Range Partnership Implementation Phase	Mattole Restoration Council	\$500,000	This project will implement measures to reduce sediment through culvert upgrades, culvert replacement/removal and armored rolling dip and critical dip installations and other treatments to reduce runoff, diversion potential, and gullyng. The project will include planting 90,000 Mattole Douglas fir trees and 5,000 seedlings. Monitoring will provide important feedback for future restoration work and help identify sites that need further maintenance.	Mattole River. HUC 18010107	Kathleen Daly	Received the draft final report during this report period. The grantee has requested a budget amendment to the line item budget. Waiting on additional information for grantee to finalize the budget amendment. Anticipating the final invoice and report in August/September 2008.. In the draft and final project report, the grantee will summarize the project, describing the purpose, scope and goals, activities completed, techniques used and partners involved. The grantee will continue with photo documentation, public education and outreach activities. This project is nearing its end, as the implementation work has been completed and most of the money has been spent. The contractor has mainly been concentrating on outreach efforts over the reporting period.	04/01/20 05	12/31/200 8
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2008

04-219-551-0 Van Duzen Watershed Ranch Road Sediment Reduction Project - Phase 1	Yager/Van Duzen Environmental Stewards	\$500,000	This project will implement measures to reduce discharges of sediment from road related sources. A total of 20 to 30 sites will be treated.	HUC 18010106	Janet Blake	<p>Photo documentation and daily logs of last season's work along with monthly progress reports will be submitted. A second season of treatment sites will be selected based on established criteria, and site-specific plans will be developed. Road work will commence in May or June 2007. Sediment source treatments will be implemented for a sediment savings of approximately 20,000 cubic yards.</p> <p>The contractor reported successful completion of work to "save" 5910 cubic yards of sediment over the 2006 construction season. Staff confirmed that the work performed was adequate and that it addressed actual or threatened adverse impacts to receiving waters.</p> <p>Next steps: Staff will be meeting soon with the contractor to review 2007 season proposed work.</p> <p>Obstacles: the contractor has identified difficulty in determining which projects should be funded each year; staff have provided input on selection criteria to ensure that water quality is the primary focus.</p> <p>During the winter the grantee wrote reports and planned for the next season of work by reviewing the work sites and finalizing the treatments for each site. Photo documentation was submitted for the 2007 work season indicating successful implementation. Sediment "saved" in 2007 was 7,026 cubic yards, with 6,225 feet of road treated. and 720 feet of stream bank was protected. Work continues on some sites and will be completed prior to the fall. No obstacles at this time.</p> <p>Next Steps: The grantee will complete site treatments and generate all the pertinent reports and documentation in order to finalize the project.</p>	7/1/2005	12/31/2008
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2008

05-060-551-0 Mattole River Good Roads, Clear Creeks Program, Upper Mattole Phase, November 2004 (PIN 2100)	Mattole Restoration Council	\$990,876	This project will implement TMDL work on the Upper Mattole Watershed. The project will be stabilizing approximately 76,100 cubic yards of sediment through road decommissioning/storm proofing and bioengineering.	HUC 18010107	Janet Blake	The QAPP, has been completed. Sediment reduction through road decommissioning and storm-proofing is 46% complete. Plans are being made to select sediment work sites for the 2007 implementation season. Riparian canopy restoration is 47% complete. So far, over 71,000 Douglas Fir and 4,935 redwood seedling have been planted. Photo monitoring continues. Education and outreach is on-going with two open resource centers and five class room visits and one field trip. GIS work included maps for sediment inventory and mapping of over 100 sediment source sites. Future work includes sediment control work, education and outreach to the public and in schools, photo monitoring and riparian planting. Contractor is on schedule, has successfully completed a season of work, and is showing improvements in administrative aspects of grant management (i.e., improved quality of invoices, etc.). No obstacles at this time. The grantee and staff inspected the work done in the 2007 season and it proved to be satisfactory. About 800 trees were planted in riparian areas. Photo documentation was conducted. Work continues on education/outreach, newsletter, website development and brochures. GIS continues to be built and maps generated. The grant agreement is being amended to extend the time frame of the project to June 2009, to change the budget, and procedures for gathering turbidity data. Obstacles: The grantee is delinquent in submitting progress report and invoices for April, May and June 2008. Next Steps: Continue to treat work sites and conduct photo documentation. for work being done	1/15/2006	12/31/2008
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2008

						this season.		
05-063-551-0 Garcia River Bank Stabilization, Riparian Revegetation & Fish Habitat Enhancement Project (PIN 2072)	Bioengineering Institute	\$55,257	This project implements Region One's priority TMDL Implementation Plan for the Garcia River. The project will conduct bank stabilization and Riparian River Re-vegetation and Fish Enhancement.	HUC 18010108	Kathleen Daly	<p>The grantee has planted 1000 alders and 500 willow sprigs in Spring 2006. Irrigation system also installed. The first summer season of growth is substantial and the plants are becoming well established. The grantee will continue with photo documentation and public education and outreach activities in fiscal year 2007-08. The grantee will be providing the draft and final report which will describe the project's purpose and benefits.</p> <p>The contractor completed all work in 2007, has provided a progress report, and is working on the final report. Plantings have survived some very high water events; this project may be the subject of a future success story.</p> <p>During this reporting period, the grantee returned to the project site for photo documentation for final report. Draft final report received. Also requesting a budget change to the line item budget.</p>	10/15/2005	12/31/2008

2008

05-187-551-0 Upper Redwood Creek Watershed Improvement Project 2	Pacific Coast Fish, Wildlife, & Wetlands Restoration Association	\$245,325	This project is intended to implement measures to reduce loadings of sediment from road related sources. 700 miles of road were previously assessed and inventoried. Projects with the highest resource benefit will be treated through road decommissioning, crossroad drains, inplace outslowing and replacing culverts.	HUC 18010102	Kathleen Daly	<p>In FY 07-08 the grantee is expected to;</p> <ol style="list-style-type: none"> 1.) Develop project layout and 10 site designs. 2.) Prepare a PAEP <p>Develop access agreements (if needed) Conduct a one-day field workshop for approx.30 land owners, land mangers and public agencies to promote awareness and introduce interested parties to implementation methods. Creating a high quality outcome for the project. Contractor completed work on 8 stream crossings, 10 landslide sites, 8 minor erosion sites, and 77 large road cross drains, for an estimated 8014 cubic yards of sediment “savings.” Contractor has been slow on invoicing but is improving gradually in this area.</p> <p>During this reporting period, grantee performed some resurveying and photo documentation of previously completed work. Due to wet weather, no heavy equipment activitives were scheduled to be performed until July 2008. Expended 80 percent to date. By the beginning of FY 08-09, the grantee will be working on mobilizing equipment back into the Coyote Creek area. In the draft and final reports, which are due the beginning of FY 08-09, the grantee will be summarizing the project, activities completed, techniques used and partners involved.</p>	11/1/200 5	12/31/200 8
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2008

06-221-551-0 Santa Rosa Creek-B Street Outfall Retrofit Project	City of Santa Rosa	\$396,300	The project consists of installing storm water treatment devices on a pair of large storm drain conduits and public information campaign emphasizing storm water pollution. The conduits drain 175 acres of primarily impervious surfaces from downtown Santa Rosa which outfall to Santa Rosa Creek in the Prince Memorial Greenway. The treatment devices will address pollutants typically found in urban runoff to improve water quality and protect beneficial uses. Public outreach will consist of interpretive signage and business outreach to educate the community about storm water and watershed issues. Signs will be placed along the entire creek and the storm water pollution sign will be located adjacent to the B Street outfalls.	HUC 18010110	Kathleen Daly	Prepare design of the project, size of the treatment devices and complete the construction plans. Prepare bid documents and notice to local paper for construction bids. Conduct maintenance of storm water treatment devices; remove trash, sediment and other floatable solids; measure quantities of trash and sediment captured within the devices. Design and install educational signage along Santa Rosa Creek. Survey educational impressions/conduct general storm water pollution interviews for citizens using the Prince Memorial Greenway in the project area. Develop and distribute an outreach flyer for business owners within the B Street outfall drainage area, Draft and issue press release for project. In March 2008, Grantee submitted a deviation request. The proposed change will be to relocate to new location which is approximately 200 feet upstream of original location. No additional grant monies are being requested with change. Deviation approved. Grantee also requested a 1 year extension to the grant. Ameded grant with new location and time extension, was submitted in June 2008 for approval.	12/15/20 06	9/1/2008
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2008

06-247-551-0 Trinity County Watershed TMDL Implementation Project	Trinity County Resource Conservation District	\$675,000	This project is an ongoing effort to meet TMDL indicator targets through implementing road-related sediment reduction projects.	HUC 18010211	Janet Blake	In FY 07-08 the grantee is expected to: Have completed a QAPP, PAEP, and monitoring plan. Final CEQA documentation Landowner access agreements. Develop a workplan and site-specific designs.. Inventory prioritized work sites. Begin project implementation Quarterly newsletters Monitoring reports Work is on schedule; contractor is presently planning next season's work, which staff will review with the contractor in the field. Staff have encountered no obstacles on this project.	12/15/06	12/31/10
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2008

06-248-551-0 Little Larabee Watershed Sediment	Eel River Watershed Improvement Group	\$773, 776	This project is an implementation project to treat already inventoried road-related sediment sources in the Little Larabee Creek watershed of the Van Duzen River. The project also involves verification of treatment prescriptions, landowner outreach and education.	HUC 18010105	Adona White	<p>In FY 07-08 the grantee is expected to:</p> <ol style="list-style-type: none"> 1. Have completed a QAPP, PAEP, and monitoring plan. 2. Final CEQA documentation 3. Landowner access agreements. 4. Obtain applicable permits 5. Collect baseline data 6. Develop GIS system data 7. Update road logs and prescriptions 8. Provide construction list and descriptions, spoils locations, equipment lists and rates 9. Photo documentation 10. Begin project implementation 11. Landowner outreach re project <p>Annual reporting Project is proceeding on schedule; started late, so construction season was compressed. Staff viewed sites prior to and following construction and confirmed that sites were appropriate and that the completed work was acceptable. Obstacles: obtaining access agreements from numerous small landowners. Next steps: further construction over 2008 season, staff field reviews of sites prior to construction, pre and post photopoint monitoring.</p>	3/2/07	12/31/10
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2008

06-249-551-0 Shasta Water Association Dam Demobilization and Water Quality Enhancement project	Shasta Valley RCD	\$635, 000	The project is designed to reduce stream temperatures and increase dissolved oxygen levels as required in the Shasta River TMDL. This includes replacement of a diversion structure that will impound much less water and allow for fish passage, and install various on-farm improvements that will help maximize water use efficiency	HUC 18010107	Andy Baker	In FY 07-08 the grantee is expected to: <ol style="list-style-type: none"> 1. Complete a QAPP, PAEP, and monitoring plan. 2. Complete CEQA documents 3. Complete access agreements 4. Obtain Permits 5. Complete design plans and specifications 6. Submit quarterly monitoring reports 7. Develop annual newsletters and other education/outreach efforts <p>This project has encountered a number of obstacles. Construction bid came in higher than expected, the project underwent a redesign, Dept. of Fish and Game and the contractor became involved in a disagreement about the design engineer, and the owner of the property upon which the dam is located is refusing to grant an easement for access to remove the dam. At this time, the contractor is attempting to resolve the easement issue and is seeking an extension to allow the project to occur following resolution.</p> <p>The above issues have been resolved and implementation of the project began July 2008.</p>	01-25-07	11-31-09
07-544-551-0 Scott River Road Sediment Source Reduction: Lower Scott	USDA Forest Service	\$251,250	This project will inventory/assessment of 100 miles of roads and reconstruction/repair of 7.7 miles of roads. Road reconstruction will occur in the Canyon, Tompkins, and Kelsey Creek Watersheds. Road reconstruction/repair will involve replacing cross drain culverts, ditch relief culverts, armoring, and road surfacing.	HUC 18010208	Scott Gergus	The Grantee is expected to perform: <ul style="list-style-type: none"> Develop inventory protocols Train crews in inventory protocols Inventory forest roads Project map and GIS database Project assessment and engineering design Conceptual design and cost estimate 	7/1/08	2/1/12

2008

07-502-551-0	Mendocino Resource Conservation District	\$946,075	For the purpose of controlling road sediment erosion, increasing riparian vegetation, and improving anadromous habitat in the Navarro Watershed as recommended in the Navarro Watershed Restoration Plan developed in 1998. Upgrading road drainage features on approximately 18-23 miles of road and 1 fish barrier.	Navarro River	Bernadette Reed	The Grantee is expected to perform: Stream Reach for Project site and monitoring locations, PAEP, NPS Reduction Followup Survey form, Monitoring Plan, CEQA & Permit Documentation, Pre & post photo monitoring, landowner agreements, Navarro Watershed Working Group, Team roster, minutes, draft streambank design plan, monthly invoicing and reporting.	5/1/08-	12/31/11
07-500-551-0 Salmon River Road Restoration Phase 3 – North Fork	USDA Forest Service	\$315,000	For the purpose of reducing sediment production and minimize the risk of road failures on 1.8 miles of road that can lead to pool filling and riparian shade loss in the Little North Fork Salmon River.	Salmon River	Scott Gergus	The Grantee is expected to perform: 1. Reconnaissance level survey, 2. Conceptual design and cost estimates, 3. Engineering survey; 4. Plan development, specifications, and cost estimates for project sites; 5. Submittal of plans to the Grant Manager for review and comment, 6. Monitoring of the work performed, 7. Quarterly invoicing and reporting. Preparing for a three-way telephone call on this project.		

Budget in PYs: 1.1**Task 3: NPS Implementation – Dairies**

Description: Conduct outreach, education, and regulatory activities to dairies and associated activities within the North Coast Region. Begin developing regionwide General Waste Discharge Requirements and Waiver to General Waste Discharge Requirements..

Outcome: Prevent and minimize existing and potential discharges of sediment, nutrient, temperature, and other pollutants to receiving waters in the North Coast region.

FY07 Objectives: Conduct outreach activities to dairy owners, resource conservation districts, natural resource conservation services, Farm Bureau, Regional Water Boards, and interested parties in order to continue evaluating dairies and associated pollutants. Review activities associated with dairies that pose significant risk to water quality.

Midyear report: Efforts in this task over the reporting period were limited to site inspections and outreach

Subtask	Descriptions with Outcome	Milestones	Schedule
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2008

Outreach	<p>1) Participate in 2 Western United Dairymen meetings; attend 2 Humboldt and Sonoma Counties University of California Cooperative Extension meetings in Sonoma and Humboldt Counties, attend 1 meeting with Humboldt County Resources Conservation District and Humboldt County Natural Resource Conservation Services.</p> <p>2) Develop network contacts from the Resource Conservation Districts, Natural Resource Conservation Services, Farm Bureau, and Regional Water Boards.</p> <p>3) Contact dairy owners <u>during meetings</u> via telephone, or through mail correspondence.</p> <p>Outreach efforts will afford staff opportunities to meet stakeholders, communicate water quality concerns, learn about stakeholder concerns, and gain information to assist in developing permits that address water quality concerns and that set reasonable, clearly explained expectations and compliance timeframes for dischargers.</p>	3 General Permit development status workshops; with UCCE, RCD, and NRCS at each meeting. Staff made a dairy & water quality presentation to the Humboldt County UCCE, RCD, and County NRCS.	Ongoing
Inspections	<p>1) Conduct 15+ pre-permit dairy inspections in the North Coast Region. Inspections will consist of site review to identify pollutant sources (potential or active), identify receiving waters, review current management practices and measures, discuss areas of concern (pollutants sources that are discharging or could result in discharges to receiving waters) with the landowner and representatives of the Humboldt County Resource Conservation District and Humboldt County University of California Cooperative Extension ,and learn more about dairy operations and operating constraints to assist us in developing individual or general permits for dairies in the North Coast region.</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.</p>	<p>Midyear progress report to executive officer, reporting progress in the overall task, anticipated next steps, and proposed midyear corrections if necessary. (Deliverable 3.1)</p> <p>Summary report of observations, including recommended permitting action(s); likely to be presented to our Regional Water Board either in the Executive Officer's written monthly report or in a staff presentation at a Board meeting in 2008 to get Board concurrence and/or direction as to future activities (see Deliverable 3.2). Staff conducted 11+ dairy inspections.</p>	Report in late spring 2008.
Permitting	<p>2) Develop a draft Waiver or Waste Discharge Requirements for dairy operations in the North Coast Region containing a time schedule to develop site-specific pollutant source inventories and workplans/schedules to implement management practices and measures.</p> <p>Initial, internal draft completed; undergoing review at time of reporting.</p>	One draft general permit. (see Deliverable 3.3)	Draft general permit by June 30, 2008.
Management Measures:			

1A-1G	
Watershed Code: Regionwide	
<u>Deliverables:</u>	<u>Due Date:</u>
3.1 Mid year progress report to executive officer	Middle 2008
3.2 Summary report to Regional Water Board	September 2008
3.3 One draft general permit.	June 30, 2008.
<u>Budget in PYs:</u> 0.65	

Task 4: NPS Implementaton – Scott and Shasta River Watersheds

Description: In conjunction with TMDL implementation efforts in these two watersheds, we will address non point source discharges at locations identified through Tasks 4 and 5 during Fiscal Year 2006/07, and will develop appropriate permitting mechanisms. We will continue to build on existing efforts and programs occurring or planned in these watersheds.

Outcome: Management measures and practices implemented throughout both watersheds minimizing or eliminating NPS discharges to receiving waters within those watersheds – with the final outcome of addressing the existing sediment and temperature (Scott) and dissolved oxygen and temperature (Shasta) impairments in these watersheds so that they can attain and maintain their beneficial uses. The Shasta River, in particular, was historically very important habitat for anadromous salmonids. The anticipated outcome of our efforts over the next several years will be recovered instream habitat and water quality in order to support the endangered salmonids and to assist in the overall effort to restore the fisheries in the Klamath River watershed.

FY07 Objectives: In the Scott River watershed, we anticipate completion of an Order requiring, and progress towards development of, subwatershed-wide sediment control plan(s) for controllable sediment discharges in the Moffett Creek subdrainage., land management plans for ranchers in the Crystal Creek drainage, ground water study plan for the Scott, at least preliminary general WDRs for Siskiyou County Public Works road maintenance and repair activities. Priority water quality subtasks for the Shasta River watershed will be based on the findings of meetings and investigation conducted over FY 2006/07. Beyond these specific focussed actions, we plan to continue TMDL and NPS implementation efforts pursuant to the adopted TMDL implementation plans, and will identify individual/specific actions as implementation progresses.

Midyear Report: Over the reporting period staff have worked extensively in Siskiyou County. In July 2007, staff held a TMDL implementation workshop and conducted a daylong Board tour of the Scott and Shasta River watersheds. Staff have also continued to work closely with the RCDs, are beginning to form a closer working relationship with the Department of Fish and Game, have participated in a number of multi-agency complaint responses and enforcement actions, and have conducted further outreach and education efforts directed towards landowners and landowner groups.

Subtask	Descriptions with Outcome	Milestones	Schedule
Outreach	<p>Staff, including the Executive Officer, will continue to regularly meet with RCDs, UC extension, and NRCS representatives, stakeholders, and interested parties to discuss TMDL implementation, permit development, water quality concerns, etc., in an effort to coordinate with and assist their efforts to develop plans to address the TMDL-related impairments, as well as to keep those efforts on track.. We expect that these plans and efforts will address NPS pollutants in addition to those for which these watersheds are listed.</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board. (Deliverables 3.1 and 3.2)</p> <p>*Board workshop July 2007</p> <p>*Board tour July 2007</p> <p>*draft letter to Shasta watershed landowners advising them of their obligations and responsibilities under the TMDL over the upcoming year; we have circulated the letter with the RCD and various other entities for input and suggestions, and</p>	Attend at least four stakeholder meetings.	<p>Ongoing</p> <p>Reports:</p> <p>*Midyear to EO (late Dec/early Jan)</p> <p>*Annual to Board (June 2008)</p>

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	<p>anticipate sending it out during the next reporting period.</p> <p>*numerous visits with and a number of presentations for RCDs, the SOSS (Save our Scott and Shasta), NRCS, Fish and Game, and others</p> <p>Updated Board on Scott and Shasta TMDL implementation progress April 2008</p> <p>Shasta landowner notification, letter of intent and press release sent out July 2008</p> <p>Landowner workshop scheduled for August 2008.</p> <p>Staff participated and partially facilitated a meeting amongst key players, including Division of Water Rights staff, to further efforts to dedicate water rights to instream flows for water quality and fisheries.</p> <p>Staff have also attended and spoken at community meetings held to address water quality issues.</p> <p>Staff have met with staff from CalFIRE, CDFG, and industry to explain new requirements for leaving shade trees during timber harvest operations.</p>		
Inspections	<p>Staff will continue to inspect SWAMP stations, known or suspected NPS sources, downstream impacted areas, etc. in order to assess watershed conditions in both the Shasta and the Scott. Staff will collect samples, review present hillslope and instream conditions, identify or review potential water quality improvement or protection projects, and help landowners to recognize pollutant sources and to identify management practices and measures which can be used to correct or address those sources. This surveillance will help staff to identify further individual areas of concern as well as ensure that current high priority efforts are proceeding as anticipated.</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.</p> <p>Staff have conducted numerous inspections, and have responded to approximately 10 complaints which led to some level of progressive enforcement. Staff issued a CAO for an illegal project involving excavation and removal of riparian vegetation from approximately a mile of a small fish stream; responsible parties have since submitted a restoration plan and have begun restoration activities.</p> <p>Staff formed Siskiyou Environmental Task Force with DFG, USEPA., NOAA County Agencies and DA. Staff continues to work on numerous complaints and enforcement actions, including NOV's, ACLC and CAOs.</p> <p>Staff continue to respond to complaints as they come in.</p>	<p>Specific priority subtasks for the Shasta watershed.</p> <p>Update/status report to the Regional Water Board in June 2008.</p>	Ongoing
Specific progressive enforcement and/or regulatory actions	<p>.Based on observations and assessment over FY 2006/07, staff have identified the following activities as priorities for development/completion over FY 2007/08</p> <p>a) Moffett Creek subwatershed sediment control plan(s)</p> <p>Surveillance and monitoring have identified Moffett Creek as a major contributor</p>	<p>This subtask will generate orders and plans of various types. All will be summarized in the midyear status report to</p>	By June 30, 2008

2008

	<p>of sediment to the Scott River watershed. A number of land management activities throughout the subwatershed have contributed to past and ongoing anthropogenic sediment delivery. Snorkel surveys in the mainstem Scott River have shown fine sediment deposits in the channel for miles below the confluence with Moffett; this is a serious obstacle to restoring salmonid habitat. Agricultural activities in the lower portions of Moffett, especially uncontrolled grazing, are damaging the stream channel, and contributing sediment and, likely, nutrients and bacteria to the stream. This is the site of two of significant cattle-related complaints identified as a priority for the 2006/07 staff efforts. In addition, landowners in the lower reaches of Moffett Creek periodically dredge and modify the lower stream channel without permits in order to remove accumulated sediment and to prevent the stream channel from migrating into and preventing their use of their agricultural lands. Staff propose to work with watershed groups, educate watershed residents, and to contact various landowners directly to advise them of legal requirements and water quality regulations, as well as to require that landowners develop management and restoration plans for their individual properties. The outcome we seek is a substantial reduction in anthropogenic sediment discharges in this subwatershed, and corresponding reduction in observable fine sediment deposits in the Scott below Moffett.</p> <p>Over the reporting period, efforts have been associated with outreach and education to landowners through meetings and workshops.</p> <p>Staff have secured over \$450k of grant funds to assist in efforts to restrict grazing from 13 miles of Moffett Creek. Local community leaders have taken the lead on outreach and have made significant progress in gaining landowner support for restoration and mitigation activities.</p> <p>b) Scott River ground water study</p> <p>Staff have obtained contract funds to pay UC Davis to develop and implement a ground water study in the Scott River watershed to determine the relationship between surface and ground water. Results of this study should help in identifying options for ensuring that adequate cold water is available in the Scott River at critical times and locations for endangered salmonids. The hoped for outcome is reduced temperatures, in order to restore impaired critical habitat for the endangered salmonids.</p> <p>The study plan has been developed and awaits approval, likely in February 2008, by the RCD and Siskiyou County.</p> <p>In the last reporting period the Study Plan was endorsed by both the Siskiyou RCD and Siskiyou County board of supervisors. The Scott River Watershed Council and RCD has begun implementing the plan. We augmented our contract with the RCD</p>	<p>the Executive Officer and the end of year status report to the Regional Water Board. (see Tasks 3.1 and 3.2, above).</p>	
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2008

	<p>by \$20,000. Staff have also participated in technical discussions in the field with the groundwater study's principal investigator to assist in the development of monitoring and analysis strategies.</p> <p>c) Crystal Creek/Patterson Creek Uncontrolled Grazing</p> <p>Based on complaints and observations, staff have identified a segment of Patterson Creek in which cattle are grazing on several adjacent properties with no apparent exclusion from the Creek. Staff have observed significantly turbid and discolored water at the confluence of Patterson and Crystal Creek. Staff have identified names and contact information for landowners in this area, and propose to contact individual landowners to advise them of water quality concerns and requirements, and to seek plans to control pollutant discharges from their properties. Staff have conducted focused field investigations in this area, including a site inspection and sampling on and around a large dairy that was discharging discolored water into adjacent and downstream watercourses following a recent significant precipitation event. Staff anticipate initiating progressive enforcement over the next reporting period. Staff have made significant progress in identifying the source of the water quality degradation in Crystal Creek. We will be issuing the Crystal Creek Dairy a permit with conditions to address ongoing discharges. In the meantime, staff will continue to work with the responsible party, who has been responsive to staff requests, to minimize water quality impacts.</p> <p>d) General WDRs for Siskiyou County Road Maintenance and Repairs</p> <p>General WDRs will affirm the County's use of the 5 County Salmonid Recovery Plan, spell out permitting requirements and streamline permitting for various county road activities, and require the county to monitor and report implementation and effectiveness of various management measures. This Order will serve as a pilot for similar WDRs for other County road departments throughout our region, and should hopefully address the concerns of our TMDL, NPS, and 401 WQC programs within the Shasta and Scott River watersheds, as well as in the greater Klamath watershed within Siskiyou County. Staff have drafted the Siskiyou road WDRs and submitted them to management for review.</p>		
Management Measures:			
1A, 1C, 1E, 1F, 3.1-3.6 (all urban MMs), 5.1-5.4 (all hydromod MMs), 6A, 6B.			

<u>Watershed Code:</u> 105.40 and 105.50	
<u>Deliverables:</u>	<u>Due Date:</u>
4.01 (see 3.1) midyear report to EO	Late 2007/Early 2008
4.02 (see 3.2) end of year staff report to RWB	June 30, 2008
<u>Budget in PYs:</u> 0.75	

Task 5: NPS Implementaton – Regionwide Waiver Policy Update

Description: The North Coast Region's waiver policy will expire late 2007. Staff from the Planning, NPS, and Non-15 units will work together to update the waiver policy over this fiscal year. Through efforts in several of the tasks in FY 2006/07 (Tasks 3, 4, 5, and 7), NPS staff have identified several activities which may be appropriate to include in the revised waiver, provided they are conducted in a manner which poses low or no threat to water quality. Those activities include, but are not limited to, grazing, vineyard operations, slide spoils storage associated with road maintenance activities, and minor instream/hydromodification activities. The revised waiver policy may also be an appropriate tool through which to specify the conditions under which a dairy would qualify for a waiver, in which case, we may include a portion of our Task 3 efforts in this task.

Outcome: the outcome will be a revised waiver policy for the North Coast Region, covering a number of eligible activities including a number of NPS-related activities. This may serve as an incentive for landowners/land managers subject to more onerous and/or costly WDRs, enforcement orders, etc. to take appropriate steps to modify their operations to ensure water quality protection. This will also provide an opportunity for landowners/managers who are taking steps to protect water quality to have their efforts recognized and documented (e.g., through enrollment letters from this Region acknowledging that their operations do qualify for coverage under the waiver). Net benefit to water quality is not really quantifiable, but this effort may, over time, help in our overall efforts to reduce NPS discharges from properties throughout the region.

FY06 Objectives: Revised Waiver policy

Over the reporting period, staff updated the waiver policy and associated documents as necessary to present to the Board for renewal with no significant changes in December. Staff anticipated returning to the Board during the next reporting period with proposed new and revised waiver categories. There is no new progress to report over the second half of the FY.

Subtask	Descriptions with Outcome	Milestones	Schedule
1) Identify activities to include in revised waiver policy	NPS staff will discuss, determine, and list activities which should/could be included in the revised waiver policy.	List of activities (see Deliverable 5.01)	July 2007
2) Identify conditions under which these activities will pose low or no threat to water quality	For each activity, staff will develop a list conditions under which that activity would/could be considered eligible for a waiver.	List of conditions for each activity (see Deliverable 5.02)	September 2007
3) Develop language for inclusion in waiver policy	.For each activity to be included in the waiver, staff will write appropriate language to include in the waiver, discussing the activity and qualifying conditions.	Draft waiver policy (see Deliverable 5.03)	October 2007
4) Present NPS elements of policy to Board	In coordination with other participating staff from other divisions, units, and programs, NPS staff will develop and present information for the Regional Water Board meeting(s)/workshop(s) conducted in relation to the waiver policy consideration and adoption.	Presentation materials and adopted waiver policy (see Deliverable 5.04)	By June 30, 2008

Management Measures:

1A, 1C, 1E, 1G

Watershed Code: Regionwide

<u>Deliverables:</u>	<u>Due Date:</u>
5.01 List of activities. 5.02 List of conditions for each activity. 5.03 Draft waiver policy. 5.04 Revised 5 year conditional waiver policy including various NPS activities.	1. July 2007 2. September 2007 3. October 2007 4. June 30, 2008
<u>Budget in PYs:</u> 0.5	

Task 6: NPS Implementaton – Pre Permit-Development Groundwork

Description: Staff efforts over this fiscal year will continue to involve outreach to landowners both in meetings as well as in the field, possible monitoring, and identification of opportunities to implement management measures or practices in the near term. This will continue to serve as reconnaissance as well as an education and outreach, setting groundwork for future years when we will focus permit development on the areas/activities listed below. In FY 2007/08, we expect to focus most of our attention within this task on subtask 4, abandoned rail corridors, because we anticipate a formal proposal in the near to repair and reopen the NWP rail corridor in the North Coast. We have, as of March 2007, received notification of proposed repair work south of Eureka, and we understand that consultants for the railroad are presently preparing an EIR for activities on the portion of the railroad which passes through region 2 and into the southern portion of Region 1. Staff will also coordinate with TMDL development staff in efforts they are proposing related to TMDL development in the Laguna de Santa Rosa.

Outcome: Reduced discharge of non point source pollutants, including sediment, nutrients, herbicides, nematicides, etc. to receiving waters in various locations throughout the region.

FY07 Objectives: More information regarding listed facilities and activities; landowners and stakeholders informed about water quality concerns and implementing pollution reduction measures; groundwork in place for smooth permit development in a future Fiscal Year.

There is nothing significant to report on this task for the reporting period.

Subtask	Descriptions with Outcome	Milestones	Schedule
1) Laguna de Santa Rosa	<p>The Laguna area is impacted due to nutrients and bacteria attributable to both point and nonpoint sources. There are a number of dairies and other agricultural activities in this area, as well as interface with Santa Rosa urban and suburban development and discharges. NPS staff propose to work jointly with NPDES staff inspecting and monitoring discharges in this area; TMDL early implementation and other environmental assessment and improvement efforts are due to start soon, so staff will participate in these efforts in order to learn the issues and meet the stakeholders.</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.</p> <p>TMDL development staff, core regulatory staff, and NPS staff have been working individually and collectively with stakeholders in the Laguna. NPS efforts are reported in Task 3, above (dairy permit development). We anticipate reporting further progress in this task in the first half of 08/09.</p>	<p>Midyear progress report to EO</p> <p>Summary of activities over FY 07/08 and recommendations for efforts in FY 08/09, presented to Regional Water Board for concurrence and/or comments.</p>	<p>Dec 07/Jan 08</p> <p>June 2008</p>
2) Smith River Watershed agricultural area	<p>The Smith River watershed, in the northwest corner of the North Coast Region, is home to a number of agricultural activities, including crop production and ~9 dairies. Staff propose to meet with stakeholders and conduct field inspection to assess water quality, identify actual or potential water quality issues, and to help landowners to recognize water quality problems and to implement management</p>	<p>Midyear progress report to EO</p> <p>Summary of activities over FY 07/08 and recommendations for efforts</p>	<p>Dec 07/Jan 08</p> <p>June 2008</p>

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	measures or practices to address these problems. We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.	in FY 08/09, presented to the Regional Water Board for concurrence and/or comments.	
3) Large floral production facilities	The North Coast Region is home to a few large scale floral production facilities, located in Humboldt and Del Norte Counties. These facilities generate wastewater streams which may include fertilizers, fungicides, boiler blowdown, sediment, pesticides, petroleum products, etc. Over this fiscal year, we propose to inspect each of these ~3-5 facilities, determine the quality, quantity, and fate of wastestreams, assess the relative threat to water quality, and determine appropriate permit type and timing for permit development. We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.	Midyear progress report to EO Summary of activities over FY 07/08 and recommendations for efforts in FY 08/09, presented to Regional Water Board for concurrence and/or comments.	Dec 07/Jan 08 June 2008
4) Abandoned Rail Corridors	NPS staff will participate in a multi division/unit team to review proposals and develop permits for activities associated with repairing and reopening the North Coast Railroad corridor for freight hauling. We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.	Midyear progress report to EO Comments on environmental documents. Draft or adopted permit(s) for activities on the North Coast rail corridor. Summary of activities over FY 07/08 and recommendations for efforts in FY 08/09, presented to Regional Water Board for concurrence and/or comments.	Dec 07/Jan 08 June 2008
Management Measures:			
1A-1G (all ag), 3.1-3.6 (all urban)			
Watershed Code: Regionwide			
Deliverables:			Due Date:
6.01 (see 3.1) Midyear report to EO			Dec 07/Jan 08
6.02 (see 3.2) Summary of activities over FY 07/08			June 2008
Budget in PYs: 0.55			

Task 7: NPS Implementaton – Miscellaneous

Description: Activities in this category include ongoing routine or as-needed efforts on a number of projects and activities which will require NPS policy-compliant permitting mechanisms at some time in the future. This category also includes ongoing efforts on enforcement actions initiated in past years, complaint response, technical consultations, pre-project inspections and reviews, participation in (giving presentations or manning booths at) water quality workshops and seminars, oversight of existing permits, and participation in statewide or regionwide policy development. We have invested a great deal of time and effort in a number of these activities over the past several years, and believe that continued involvement, at least at a low level, is critical to avoid backsliding and, hence, more resources needed in future years. Proposed budget allocation for this task has been reduced compared to that for FY 2006/07 due to successful completion of and/or referral of three of our most significant and time consuming ongoing enforcement cases. We have resolved the Lolonis case except for final payment of penalties to the AG and SEP project, expect to have reached settlement in the Bewley case by the end of FY 2008/09, and we have referred the Alden case to our enforcement unit to conduct further enforcement efforts. Our efforts in all three cases resulted ultimately in correction of active discharge of sediment to surface waters, as well as requirements that the dischargers take steps to prevent future sediment discharges. Staff continues working on several enforcement cases in Scott and Shasta watershed coordinating with various agencies and forming the new Siskiyou County Environmental Task Force.

Outcome: Maintain and develop policies and programs to protect receiving waters throughout the Region from NPS discharges.

FY07 Objectives: Maintain the level of involvement necessary to ensure that these various efforts continue smoothly, that our concerns are recognized and properly incorporated or addressed, that our cooperative relationships with various sister agencies continue, and that egregious localized water quality problems are identified and corrected quickly.

Work in this category is reported below. In addition, staff spent a significant amount of time reviewing the gravel extraction review process in Humboldt County, and developed a monitoring and reporting program template for the Region 1 General WDRs for sand and gravel mining. This effort overlaps with our 401 program as well.

Subtask	Descriptions with Outcome	Milestones	Schedule
1) As-needed efforts on unregulated NPS activities/facilities	<ul style="list-style-type: none"> -Boating facilities and marinas (staff will inspect periodically) -County roads - 5 Counties Salmonid Restoration Program (staff will continue to work closely with 5C staff to improve effectiveness of on the ground application of 5C program) Staff presented information regarding current and upcoming Water Board policies and requirements to personnel of all five counties during the annual 5C road workshop in November 2007. -County roads - Fishnet 4C (staff will encourage Sonoma County to begin implementing this plan) Sonoma County has requested that Water Board staff develop WDRs incorporating the 4C manual. Staff anticipate working on this following further progress on the Siskiyou 5C WDRs; once our draft Siskiyou permit is fairly solid, we'll start working on a similar WDR for Sonoma County. -County grading ordinances (staff will participate in/comment upon/contribute to efforts currently underway) -Potter Valley (staff propose to assess this area further; observations and data to date 	<p>Midyear progress report to EO (See deliverable 7.01)</p> <p>staff report summarizing NPS activities in the region over FY 07/08 and making recommendations as to our continued involvement and level of resources dedicated to individual efforts over FY 08/09; staff will be seeking concurrence and/or comments from the Board as to proposed activities for future years (see Deliverable 7.02).</p>	<p>Dec 07/Jan 08</p> <p>June 2008</p>

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	<p>suggest this is a low water quality priority)</p> <p>-Vineyards (relatively low water quality priority at this time; staff will continue to participate in workshops, consultations, new project reviews, etc., as needed;)</p> <p>Staff have observed a number of replanting efforts in late 2007 that were threatening to or actually discharging sediment to receiving waters. Over the reporting period, staff inspected 11 vineyards with possible water quality issues, and confirmed problems and initiated progressive enforcement at 4 sites. All 11 sites successfully completed necessary erosion control work.</p> <p>Staff are also working with Region 2 in an effort to develop vineyard WDRs/waivers, and staff may propose that the Board add a waiver category for vineyards meeting certain conditions in the revised waiver policy.</p> <p>-Marijuana farms (staff will continue appropriate progressive enforcement efforts on two existing projects; staff may revise ranking if further facilities are identified)</p> <p>-Regionwide grazing (staff will participate in statewide grazing task force)</p> <p>-Miscellaneous non-concentrated agricultural activities (staff will inspect periodically and may revise ranking if significant water quality problems are confirmed at multiple facilities)</p> <p>-Large landowners or properties with multiple NPS activities (staff will continue to work with PG&E and to participate in statewide discussions with USFS and USBLM)</p> <p>Staff of the timber division and NPS unit are working together on a strategy to regulate NPS discharges from USFS lands within region 1; we may have something more concrete to report in the next progress report.</p> <p>-Invasive plant removal projects (staff will develop specific permits as new projects are proposed; we have no new project proposals at this time)</p> <p>-Private roads, driveways, parking areas, etc. (staff recommend development of a regionwide road policy/prohibition for inclusion in the Basin Plan)</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board.</p>		
2) Complaint response	<p>Staff will respond to complaints as received, confirm water quality problems, and, if problems are confirmed, take appropriate action.</p> <p>Over the reporting period, staff responded to 7 new complaints related to discharges from vineyards, 2 complaints related to other types of agriculture (1 horse and 1 ranch road-related complaint), and 3 miscellaneous complaints. Resolution varied; some cases are ongoing.</p>	Summary discussion in staff report mentioned above.	June 2008

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3) Ongoing enforcement and permit oversight	Staff will continue follow-up efforts on ongoing enforcement cases and regulated facilities, inspecting sites, participating in meetings, issuing follow-up letters or enforcement orders, etc. as needed to continue and complete each case.	Summary discussion in staff report mentioned above.	June 2008
4) Outreach	Staff will participate in water quality or industry workshops and seminars as requested (usually either as speakers or manning a water quality information booth) and provide technical input or assistance to prospective dischargers and/or fellow agency staff (in house or from other organizations).	Summary discussion in staff report mentioned above.	June 2008
5) Participation in statewide or regionwide policy development	There are a number of statewide and regionwide policies under development which are relevant to our NPS efforts. Staff will participate in or comment upon these efforts, as necessary.	Summary discussion in staff report mentioned above.	June 2008
Management Measures:			
All ag, urban, hydromodification, and boating.			
Watershed Code: Regionwide			
Deliverable:			Due Date:
7.01 (see 3.1) – midyear progress report to EO			Dec 07/Jan 08
7.02 (see 3.2) Staff report summarizing NPS activities in the region			June 2008
Budget in PYs: 0.45			

NPS Program Summary

NPS tasks were generally on track this period. The NPS coordinator and other staff completed the semi-annual progress report for July through December 2007 and attended monthly phone calls and January Roundtable. Five R2 staff attended the Nonpoint Source Conference in San Diego in May. We managed five 319(h) grants, and two additional grants were awarded in the 4th quarter of this fiscal year. Under our Hydromodification Task we conducted technical outreach, worked with several advisory committees to continue developing technical management documents, reviewed implementation projects, and continued developing our Stream and Wetland Systems Protection Policy. Under our TMDL Task we continued our dairy program, completed a WDR waiver for grazing, worked on a vessel management strategy for Tomales Bay, and focused on sediment management practices in several key watersheds. Under the CCA Task we worked closely with the California Coastal Commission and a variety of local stakeholders to develop a CCA Action Plan for one of our pilot CCA projects, the Fitzgerald Marine Reserve in San Mateo County.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	1. Submitted semi-annual progress report for July through December 2007 in January. 2. Submitted final workplan for 2008-09 in April 2008.	Yes	
b. Information Exchange/Outreach	NPS coordinator participated in monthly phone calls and NPS roundtable in January [April RT was cancelled due to NPS Conference in May]. Other staff attended marina subcommittee and monitoring subcommittee meetings and coordinated with conference planning group via email.	Yes	
c. Contract and Grant Review	Participated in grant concept and full proposal reviews and panels for 2007-08 awards process to ensure that contracts awarded to projects within the region reflect regional priorities. Grant coordinator attended statewide grant coordinator meetings. For 319 2007-08 grant awards, staff reviewed and scored five concept proposals and participated in panel review meeting to select applicants to be invited to submit full proposals. Three of the five proposals scored well enough to be invited back; two of the full proposals were awarded funding in March 2008. The new grant projects will be in Lagunitas Creek, Marin County, and in the Rutherford Reach of Napa Creek in Napa County.	Yes	
d. Critical Coastal Areas	Staff has been actively working with CCA pilot in San Mateo County, providing information as needed, and attending Steering Committee meetings and workshops. Staff continues to coordinate with Coastal	Yes	See Task 5 below for details.

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	Commission and BCDC on Sonoma Creek pilot CCA.		
<u>Deliverables due this reporting period:</u> Progress report July through December 2007; Workplan for 2008-09.			
Deliverables (submitted previously): Semi-annual Progress Report for July through December 2007, Final Workplan for 2008-09.			
Major achievement this reporting period: Completed and submitted Semi Annual Progress Report for July through December 2007. Completed NPS Workplan for 2008-09. Attended NPS Roundtable and conference calls; attended Nonpoint Source Conference in San Diego in May. Two of our 319 proposals were awarded funding in March 2008, as was the proposal for Prop 50 agricultural water quality grant funding.			
Environmental benefit expected or achieved: Development and implementation of outcome-based workplan and progress reports. Improved communication among State and Regional Boards and EPA should lead to increased environmental benefit in terms of reduced NPS pollutant loadings.			

<u>Task 2: 319 Project Management</u>				
Contract Number Project Name	Milestones/Products/ Outcomes 7/07 to 12/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
02-085-252-0 Apanolio Canyon Steelhead Migration Barrier Removal San Mateo County Resource Conservation District	Culvert replacement with clear span bridge completed.	N/A	Yes	Project completed on December 31, 2007 and final closeout of grant was June 12, 2008
04-304-552-0 Napa Green Certification Program Napa Resource Conservation District	Farm plans were prepared for fourteen sites; all plans and sites were reviewed by Water Board and NOAA Fisheries staff and certified as fish friendly; total land area associated with these sites is approximately 1500 acres. Implementation projects in planning or implementation phases including: a) comprehensive project to remove Arundo from Bear Canyon Creek tributary; b) pilot project to convey gravel through lower York Creek to Napa River (to alleviate flooding in artificially constricted reach) and enhance extent and quality of gravel bars immediately downstream of its confluence with Napa River. Project will be concluded in December 2008.	No (project not completed)	Yes	

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<p>05-129-552-0 Tomales Bay Rangeland Management Point Reyes National Seashore</p>	<p>Project implements Tomales Bay pathogen TMDL with management practices on grazing lands, with aim of reducing sediment by 100 tons annually and reducing pathogens by one order of magnitude.</p> <p>Nine out of ten demonstration Best Management Practices projects have been implemented on park rangelands draining to Tomales Bay. Construction of the Truttman Headcut Repair, Rogers Headcut Repair, Truttman Road Repair, Lupton Road Decommissioning, McIsaac Spring Development/Repair, Giacomini Riparian Exclusion Fence, and Genazzi Riparian Exclusion Fence were completed during the last period (July-Dec 07). Park staff, volunteers, and Marin Conservation Corps crews completed the revegetation components of the above listed projects by mid-March 2008. Maintenance of these plantings has been ongoing. The seasonal exclusion fences at Gallagher Ranch and Stewart Ranch have been built. So far, a total of 2.3 miles of fencing have been installed to keep livestock out of riparian areas.</p> <p>The Grantee received final CEQA clearance from the SWRCB for the Kehoe Spring Development Project on 6/18/08. Construction of this project will begin as soon as a contract is drawn up with the selected contractor. Water quality monitoring continued throughout the winter and the grantee has begun compiling and summarizing the results. In addition, line transects were installed and read in May 2008 to assess revegetation success at the Lupton Road and Truttman Headcut projects as indicated in the monitoring and maintenance plans for these projects. The Grantee, Grant Manager (RWQCB), and project partners participated in a site tour/project review to confirm successful installation and effectiveness of the projects and to discuss minor repair work to be completed.</p>	No (project not completed)	Yes	
<p>06-245-552-0 Demonstrating Road Reduction Improvements Napa Resource Conservation District</p>	<p>Road erosion control and prevention surveys completed in both watersheds to identify priority sites for treatment; public outreach event to Sulphur Creek watershed stewardship group to inform interested parties regarding status of project; survey of Heath Canyon tributary of Sulphur Creek to identify road crossings that may present barriers to steelhead migration.</p> <p>Permits are being obtained and a consultant has been hired to implement road erosion control and prevention features. Construction is expected to begin in late summer 2008 and be completed prior to the onset of the rainy season.</p>	No (project not completed)	Yes	

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06-246-552-0 Students and Teachers Restoring a Watershed (STRAW) Project The Bay Institute	<p>Routine maintenance and monitoring of restored sites began in January 2008. (Although maintenance usually does not begin until March, maintenance was begun in January because of the low rainfall this year). Maintenance will continue through October 2008. The six sites restored in 2007-08 and the two restored in 2006-07 receive maintenance and monitoring. The first two rounds of maintenance are complete. Project sites will receive four rounds of monitoring rather than the normal three rounds to ensure plant survival. Planning and site reconnaissance is in process for the restoration season for the 2008-09 school year.</p> <p>Field activities included bird walks with three classrooms. The STRAW Virtual Summit was posted on The Bay Institute's website; it can be viewed at www.bay.org/Virtualsummit08/virtual_summit_2008.htm. Out of the 12 classes represented, 3 are supported by this 319(h) grant. The STRAW Virtual Summit features students' reflections of work completed on restoration activities through classroom and field visits.</p>	No (project not completed)	Yes	
Major achievement this reporting period: Successful completion of grant tasks as scheduled, with project milestones achieved. Funding secured for culvert replacement for Apanolio Canyon; grant project completed. We also worked with applicants on two new 319 grants awarded this period: Marin Municipal Water District (MMWD): Lagunitas Creek Water Quality and Habitat Improvement Project and County of Napa: Napa River Rutherford Reach Restoration, Phase II Implementation.				

Task 3: Hydromodification

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Education and Outreach for Regional Board Staff and Stakeholders	<p>1) Staff planned and organized a steering committee to assist the SWRCB to hold a workshop and field trips on urban stream protection and restoration for Southern California local, state and federal agencies and NGO's; workshop was held in Los Angeles on May 28-29.</p> <p>2) A pilot project to introduce an interdisciplinary, intra-governmental team approach to expedite small stream restoration projects was completed in August 2007. This team will start using the new SWRCB Small Restoration Projects General Permit in Napa Valley with the issuance of six approvals for landowner-initiated restoration efforts. The pilot is being expanded in 2008.</p>	<p>Yes</p> <p>Yes</p>	

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	<p>3) Staff held a workshop in Solano County on June 18th to introduce county and city staff to principles of watershed management and stream protection. Topics included Watershed Management Needs, Rapid Permit Process, and Stormwater Management. (Agenda included as deliverable with this report).</p>	Yes	
	<p>4) Watershed and NPS Staff organized an in-house mini-workshop on June 16 for new staff and staff who needed a refresher class on Protecting Streams through State and Local Permit Programs, highlighting our “Rapid Permit” process and Stream Circular (both developed in Region 2), and presenting a slide show on “Avoiding Impacts to Fish Habitats and Factors that Need to be Considered in Restoration Projects” (i.e., how development and infrastructure projects can avoid impacts to streams from a geomorphic and fish habitat perspective).</p>	Yes	
	<p>5) Provided technical input on implementation of Tomales Bay Watershed Council (TBWC) monitoring plan. Plan was approved in October 2007 and sampling has begun. Water Board staff are part of the Water Quality Committee to determine strategy for source area monitoring and to review data. Staff also continues to provide technical input on Tomales Bay Coastal Watershed Plan as part of TBWC activities.</p>	Yes	
b. Project Implementation	<p>1) Work completed in West Marin by Marin RCD included 5 projects completed in fall 2007. In spring 2008, Water Board and other resource agencies and stakeholders worked with RCD on preliminary site inspections, project designs and Ranch Plans, and follow-up inspections for five sites in West Marin. Construction is expected on these sites beginning in August 2008.</p>	Yes	
	<p>2) MMWD work included completion of work on multiple BMPs at 16 sites in Redwood Creek Watershed (Marin County), which reduced sediment input to the creek by 355 cubic yards/year and is estimated to reduce the threat of catastrophic sediment releases (from culvert or road failures, etc.) by 3636 cubic yards per event. The projects were monitored throughout the winter and were observed to be functioning properly.</p>	Yes	
	<p>3) As part of the implementation of the Roads MOU in the Lagunitas Creek Watershed, MMWD finalized a GIS project that has mapped all of</p>	Yes	

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	<p>the roads in the Mount Tamalpais watershed. MMWD also completed an inventory of 9.2 miles of paved and unpaved roads along Cheda and McIsaac Creeks and developed preliminary designs for addressing road remediation and improvement sites. MMWD has resubmitted a grant proposal to DFG for a roads assessment of all the unpaved roads below Kent and Nicasio reservoirs that have not been assessed previously.</p> <p>4) To date, agencies have been coordinating satisfactorily with MMWD on the Large Woody Debris (LWD) MOU. For example the State Parks Department coordinated with MMWD to provide logs from hazardous tree cutting this spring; these will be used for LWD enhancement projects. MMWD conducted a training in December on the MOU, which was attended by roughly 30 people representing eight agencies, including 13 people from Sonoma County. MMWD plans to have another training in fall 2008, and at that time will request information from the participants about how implementation of the MOU has progressed over the last year.</p> <p>5) Stream and Wetlands System Protection Policy: Staff continues to work on draft Staff Report and Basin Plan amendment. Staff has initiated the scientific peer review process (peer review package included as a deliverable with this progress report).</p>	<p>Yes</p> <p>No</p> <p>No</p>	<p></p> <p>Draft Staff Report and Basin Plan amendment are expected to be sent out for scientific peer review in mid-September 2008. We anticipate bringing draft Basin Plan amendments before the San Francisco Bay Regional Water Quality Control Boards for initial public hearing in spring 2009 with final hearing around June 2009.</p> <p>Due to complex and contentious nature of the policy the CEQA and economic analysis has taken longer than expected. A preliminary outline will be included in the next report.</p>
<u>Deliverables due this reporting period:</u> Draft Staff Report and CEQA Analysis on Stream Policy, Economic analysis on Stream Policy.			

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Deliverables submitted with this report: 1) Agenda for Solano County Meeting, 2) Peer review package with draft Basin Plan Amendment and draft Staff Report for Stream and Wetland Protection Policy

Major achievement this reporting period: Continued public outreach and scoping on Stream and Wetland Systems Protection Policy, worked on a variety of hydromodification projects in West Marin with Marin Municipal Water District, Marin RCD, Golden Gate National Recreation Area, and Point Reyes National Seashore. Successful completion of West Marin sediment projects. Completion of GIS for roads and preliminary designs for repairs.

Environmental benefit expected or achieved: Reduction in sediments through erosion control and bank stabilization projects; preservation and enhancement of stream functions; education of stakeholders on environmentally sound management practices and stream protection.

Task 4: TMDL Implementation

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Inspections and Enforcement of Confined Animal Facilities	Approximately 8 dairy inspections were done in Sonoma County during this reporting period including inspections of four dairies that had sent us Notices of Termination, three dairies that had not submitted required reports, and one inspection of a WDR dairy that still needs to submit an adequate Waste Management Plan.		Yes, On track [note: for some reason this file does not allow user to enter anything into previous box]. Currently working on following up on the site visits we conducted and reviewing recently submitted Waste Management Plans from the two Sonoma County WDR dairies.
b. Outreach	Staff regularly attends the Sonoma-Marin Animal Resource Committee meetings, held monthly.	Yes	
c. Grazing Management measure identification and development	Staff conducted stakeholder meetings with representatives of Western United Dairymen, UC Cooperative Extension, NRCS, Southern Sonoma RCD, and Marin RCD in February, March, and May 2008. During this reporting period, staff presented a public notice on May 22, 2008, of a Negative Declaration for the proposed waiver in order to meet CEQA requirements. Staff also held a public Workshop in the town of Pt. Reyes, Marin County on June 11, 2008. Leading up to this meeting, staff met with technical advisors for the ranching and grazing community; and, continued internal coordination meetings with TMDL and NPS staff and managers to evaluate strategy for working with stakeholders. Conditional WDR waiver was adopted by Water Board on July 8, 2008. The waiver will implement a requirement of the Tomales Bay Pathogen TMDL adopted in 2005; the Walker Creek Mercury TMDL adopted in 2007; and, future planned TMDLs for sediment and nutrients in Tomales	Yes	No obstacles; waiver was adopted in the first quarter of FY 2008-09. Next steps involve implementation of the waiver, and continued outreach with stakeholders and enrollees into the waiver program.

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	Bay. The waiver establishes management practices for grazing activities that are designed to minimize pathogen, sediment, nutrient, and mercury (for Walker Creek) discharges to waterways and Tomales Bay.		
d. Vessel waste management in Tomales Bay	<p>As noted in previous report, a Draft Preliminary Vessel Management Plan was distributed for public review in August 2007. Public comment period ended December 2007. Vessel Management Committee prepared responses to comments received for internal review. Final draft Response to Comments will be distributed by the 3rd Quarter of 2008. Management Committee met in March and June 2008 to discuss and finalize responses to comments. Future meetings are scheduled for September and December 2008 to review any additional issues and plan future tasks.</p> <p>Final Draft Plan was issued and is available for review at http://www.farallones.noaa.gov/ecosystemprotection/tomalesbay.html</p>	Yes	
e. Sediment TMDL in Napa River Watershed	<p>1) Our region submitted comments in coordination with Region 1 on the proposed North Coast Instream Flow Policy. As part of these, we formally requested a survey of illegal storage within the Napa River watershed. This includes working collaboratively with City of Napa and Napa County to develop cooperative planning strategy to resolve fishery and water supply issues. The goal is to improve permitting and habitat protection for water rights applications from Mattole River south to Napa River.</p> <p>2) Continue working with agencies on WDR waiver for vineyards</p> <p>3) Napa Rutherford project -- have begun paper work and process for requesting an extension on grant project. CEQA and other necessary permit reviews are underway for enhancement projects for the 4.5 mile Rutherford Reach</p> <p>4) Oakville to Oak Knoll: field data collection program is mostly complete. River channel survey was completed and information submitted to grant manager. Riparian habitat surveys 91% complete and fish habitat surveys completed, with draft report under review. Riparian mapping and analysis has been completed using GIS. Hydraulic model 85% complete. Additional funding provided by the City of Napa for</p>	<p>Yes</p> <p>No</p> <p>No</p> <p>Yes</p>	<p>This is a modification from proposed workplan task to develop guidelines and process for reviewing appropriations in North Bay.</p> <p>2) Waiver has been delayed primarily due to protracted negotiations with Dept. of Fish and Game regarding BMPs to protect instream flows. We expect to have the draft waiver ready for public review and comment before the end of 2008.</p> <p>3) The start of the Rutherford project was delayed significantly because FEMA required that they model potential changes in flood levels as a result of the project. This work has now been completed and accepted; construction is not likely until dry season of 2009.</p> <p>4) Project deliverables of geomorphology, fisheries, riparian habitat reports and preliminary restoration design report have been postponed to August 2008,</p>

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	analyzing use of flood plains for flood storage.		since grant funding has been extended for one year. Recommended alternatives for habitat enhancement in the nine-mile Oakville to Oak Knoll reach are expected to be completed by the end of 2008.
f. Sediment TMDL in Lagunitas Creek watershed.	<p>1) The Salmonid Limiting Factors Analysis (LFA) was completed in March 2008. Based on this work it appears that increasing large woody debris loading and floodplain connectivity have the greatest potential to increase coho salmon and steelhead smolt production. In addition, reductions in fine sediment loading may be needed to increase steelhead smolt production. This will be a key component of sediment TMDL. Board staff are working with local stakeholders to secure funds to implement LFA recommendations such as improving floodplain and other winter refuge habitat (in-stream LWD, secondary channels). Fish and streambed monitoring is continuing to be conducted by MMWD.</p> <p>2) Final sediment budget for San Geronimo/Lagunitas Creek was completed in May 2007 and the second phase of the sediment budget study was started in January 2008. Field data collection is in progress.</p> <p>3) NOTE: New Task A 2 year building moratorium on parcels in the riparian zone on San Geronimo Creek, tributary to Lagunitas Creek, has been implemented by Marin county. Board staff are participating on a TAC organized to help evaluate cumulative impacts from development and BMP measures necessary to protect the riparian zone and creek from development impacts. Moratorium will culminate with the development of design and development guidelines necessary to protect the creek and riparian zone.</p> <p>4) MMWD has continued to add LWD structures to replace structures previously constructed but moved downstream by the large 2005/2006 storms. LWD provides winter refuge for endangered coho and steelhead and provides beneficial sediment storage and streambed heterogeneity. Board staff and Lagunitas TAC members conducted a site tour of planned LWD structures (to be installed summer 2008) and provided comment on designs. WQ certs will be issued late summer 2008. Preconstruction monitoring will occur summer 2008.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
Deliverables due this reporting period: Documentation of inspections and compliance; minimum guidelines for conditional waiver for grazing management; final draft vessel management plan; final policy on fishery and water supply; draft waiver for certified vineyards; summary reports on channel morphology, fisheries, riparian habitat for Napa River Oakville to Oaknoll Reach.			

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Submitted with this report: 1) June 11 Grazing Waiver Public Meeting Agenda, 2) Presentation from Grazing Waiver Public Meeting, 3) Final Grazing Waiver Resolution, 4) Attachment A: NOI, 5) Attachment B: Checklist, 6) Legal Notice of Waiver Hearing, 7) Draft Response to Public Comments on Vessel Management Plan. Other deliverable dates have been rescheduled as noted above.

Major achievement this reporting period: Grazing waiver approved by Water Board; waiver process has been supported by majority of stakeholders including Western United Dairymen. Draft vessel management plan completed and distributed for public review. Sediment reduction projects and roads projects successfully completed in Lagunitas Creek Watershed.

Environmental benefit expected or achieved: Measurable reductions in nonpoint source pollutants from confined animal facilities, reduced fine sediment loads from roads and creekbanks; enhancement of LWD in streams to increase habitat complexity and provide summer and winter refuge for endangered salmonids and freshwater shrimp.

Task 5: Critical Coastal Area Pilot Implementation

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
CCA pilot assessment and draft Action Plan development for Fitzgerald Marine Reserve ASBS and Sonoma Creek CCA.	Water Board staff continued to attend quarterly Steering Committee meetings for Fitzgerald Marine Reserve (FMR) Technical Advisory Committee and monthly meetings with California Coastal Commission and San Francisco Estuary Institute (SFEI) regarding pilot assessment. Consultants finalized Technical Report, including an Impairment Assessment, in December 2007. The Steering Committee is continuing to meet to comment on and finalize the Watershed Assessment Document. The Draft Watershed Assessment will be finalized by the end of August 2008, and will be introduced to the Community at a meeting in October 2008. The expectation is that this document will be used to develop a CCA Action Plan, and that process will include a public workshop.	Yes	Tasks are on track but deadlines have slipped due to complexity of dealing with large group of stakeholders and need to review documents thoroughly.
	Sonoma Creek CCA: The Sonoma RCD is moving ahead with a watershed plan and SFEI is fulfilling the contract obligations for their work on three coastal CCAs (including FMR and Sonoma). This includes storm drain mapping, which is on its way to completion, and historical ecology component in Sonoma Creek which was completed by the Sonoma Ecology Center. ABAG has drafted a white paper on the policy constraints to implementing some of the non-point source measures in the three mid-coast CCAs (which includes Sonoma) and this will be available for review in August or September 2008.	Yes	Although Sonoma Creek CCA effort has not developed into an agency partnership like FMR, due largely to the wishes of existing stakeholder groups to remain autonomous, the CCA has served as a way to focus grant money on the area, which we expect will result in good projects and good work being done as an integrated part of current watershed planning efforts in this region.

Deliverables due this reporting period: Final assessment report for Fitzgerald Marine Reserve; plan of action for Sonoma CCA.

Deliverables submitted: None at this time; see explanation above for assessment report progress and timeline, and future plans for both CCAs. Draft Watershed Assessment for FMR due to be out in August 2008.

Major achievement this reporting period: Ongoing stakeholder collaboration for FMR pilot project is working well, and draft watershed assessment report is near completion and being reviewed by Water Board and other stakeholders.

Environmental benefit expected or achieved: Reduction or elimination of sources of possible pollution into the ASBS and CCA.

NPS Program Summary

The Central Coast Water Board NPS program uses funding from 319(h), propositions (13, 40, and 50), supplemental environmental projects, and settlement funds to address a wide variety of nonpoint source issues in the Central Coast Region. Current NPS program efforts include NPS Program Coordination, Project Management (soliciting and managing projects), Agricultural Water Quality/Discharge Control Efforts, and Mixed Land Use Watershed Stakeholder Group Participation / Interagency Coordination. Priority areas targeted for management measure implementation include:

- Agriculture
- Urban (including LID projects)
- Forestry
- Wetlands – Protect and restore wetlands, riparian areas, and other critical habitats.

Complimentary programs managing nonpoint sources of pollution include Stormwater, TMDL, Forestry, and Agriculture waiver.

The four major program tasks are briefly described below:

Task 1: NPS Program Coordination - The actions taken under this task implement the Central Coast Region NPS Program Plan.

Task 2: Project Management - Project Management consists of reviewing grant Scopes of Work and Budgets, processing and overseeing (319(h)) grants. This task includes evaluation of scopes of work for funding beyond the 319 program (proposition 13, 40, and 50).

Task 3: Agricultural Water Quality/Discharge Control Efforts – The agriculture outreach and regulation efforts verify, focus, and evaluate implementation of management measures on farms to mitigate associated pollutant discharges and achieve water quality (WQ) compliance for irrigated agriculture

Task 4: Watershed Management Activities- Participate in internal as well as local working groups to ensure the funding, implementation and success of priority projects to resolve NPS related water quality issues.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task	If no, discuss obstacles and problems
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		(yes/no)	encountered; list any modifications to milestones
a. Evaluate Program Success	5. Develop Annual Workplan (3/08) 6. Complete semi-annual progress report on 319 workplan activities for 07/07-12/07 (1/08) 7. Assist in development of NPS Program 5 Year Plan 12/07	1. Yes 2. Yes 3. No	3. Draft work complete at the Regional level. Continue to work on statewide consistency and document review.
b. Information Exchange/Outreach	1. Actively participate in one monthly phone call and one quarterly RT by sharing regional success/problem/activity. 2. Attend at least 2 conference planning mtgs/calls. 3. Attend at least 2 subcommittee mtgs.	1. Yes 2. Yes 3. Yes	3. On NPS Five-year plan sub-committee. Attended several meetings.
c. Contract and Grant Review	Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional priorities.	Yes	
d. Critical Coastal Areas	1. Participate in Critical Coastal Area (CCA) committee meetings (via telephone) and provide deliverables as assigned by the CCA committee. 2. Participate in CCA subcommittee meetings and group activities related to pilot CCA. 3. Provide deliverables as assigned by the CCA subcommittee chair.	1. Yes 2. Yes 3. Yes	1. Attended several meetings.
e. Spatially Evaluate grant/water quality benefit relationship	1. Spatially link [via GIS] all grant and contract money [by source type] to watersheds expended in. Evaluate water quality change relative to expenditure, using CCAMP and individual project-based monitoring data. Differentiate between implementation and monitoring projects. 2. Determine if/where money yields clear water quality benefit. Evaluate/locate success variable [i.e., management measure implemented, implementing entity/proponent, scale consideration, etc.] 3. Better understanding of success drivers/variables associated with grant/contract leveraged efforts. 4. Better targeted use of grant money within watersheds. Higher quality result for expenditure.	No	This project is currently on hold.
f. Confirm the 9 elements of a watershed plan	During grant application reviews, review and confirm that the 9 elements of a watershed plan listed as part of the grant application are accurate and complete, and create a record (e-mail) of this review for the RB, SB and EPA grant files.	Yes	
<u>Deliverables due this reporting period:</u>			

- 1) 09-10 Workplan
 2) Semi-annual progress report on 319 workplan activities for 07/07-12/07
 3) Wrote Regional Board section for the Five-year NPS plan.

Major achievement this reporting period:

- 1) 09-10 Workplan
 2) Semi-annual progress report on 319 workplan activities for 07/07-12/07

Environmental benefit expected or achieved: Expect water quality and beneficial uses of water to be protected and /or enhanced.

Task 2: 319 Project Management

Contract Number Project Name	Milestones/Products/ Outcomes 7/06 to 6/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
06-045-553-0	1) Monthly reporting of techniques used to calibrate, operate and	No	Yes	No data entered into GRTS.

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Vegetative Treatment Systems and AWQGP (Pajaro River Watershed)	improve vegetative treatment systems after construction (ongoing) 2) Pre- and during- photo documentation (ongoing)			
06-250-553-0 Santa Cruz County Roads Cost-Share (San Lorenzo River, Soquel Creek, and Aptos Creek watersheds)	1) Technical Training Curriculum and Agendas 2/08 2) Technical Training 5/08 3) Home Drainage Outreach Newsletter 3/08 4) Draft Home Drainage Guide 1/08 5) Two Home Drainage Plans 1/08 6) Seven site visit summaries 3/08 7) Twenty five site visit summaries 4/08 8) Eight site visit summaries 5/08 9) Four land owner access agreements 5/08 10) Three PWA Road Assessment Reports 5/08 11) Five draft project designs 5/08 12) Five permit compliance notices 5/08	No	Yes	No data entered into GRTS.
05-122-553-0 Monterey RCD Nutrient Reduction (Salinas River Watershed)	1) Project designs and construction budgets 6/08 2) Toxicity monitoring results 6/08	No	Yes	No data entered into GRTS.
06-128-553-0 (previously 05-121-553-0) Morro Bay On-Farm Coastal WQ Implementation Project (Project Clearwater) (Morro Bay Watershed)	1) Conducted streams workshop for sustainable creek management (15 participants) 06/06/08. 2) PC-06-08 – Los Osos Valley Horse Manure Composting Project, completed design and agreement sent to land owner for review and approval (6/08). 3) PC-07-02 - Chorro Valley Camp SLO Managed Grazing System, completed design and cost estimate, conservation plan and cost share schedule approved. Project to begin implementation 09/01/08. 4) PC-07-04 - Installed two off channel cattle water troughs with frog access 06-23-08.	No	Yes	No data entered into GRTS. Contract extended to 03/09.

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05-104-553-0 Restoring Natural Water Systems in Rural Landscapes (Elkhorn Slough Watershed)	1) Education and Outreach-contact 12 landowners, list participants (Ongoing) 2) List of BMPs implemented and quantified area covered by each BMP (Ongoing) 3) List and number of native plants at each restoration site (Ongoing) 4) Annotated photo documentation of restoration sites (Ongoing) 5) Number of plants propagated by species 4/08 6) Documentation of landowner agreements (Ongoing)	No	Yes	No data entered into GRTS.
04-228-553-0 Santa Cruz County Roads Cost-Share (San Lorenzo River, Soquel Creek, and Aptos Creek watersheds)	1) Final Photo Monitoring report 01/08 2) In 2007 construction period addressed erosion from 6,300 linear feet of road and estimate sediment reductions of 34,070 cubic feet over the next decade.	No	Yes	No data entered into GRTS.
04-133-553-0 Arroyo Grande Creek Watershed On Farm Coastal Water Quality Implementation (Arroyo Grande Creek Watershed)	1) Final Project Report submitted 02/11/08. 2) Final invoice processed 02/26/08. 3) Two micro-irrigation projects completed to provide a total combined estimate of water savings for 427 acres of 168 acre-feet/year. 4) Drainage improvements and construction of 4500 square feet of vegetated buffer strip on 381 acres. Sampling based estimate reduction of 75 cubic yards (126 tons) of sediment. 5) Invasive plant species removed on 800 feet of bank; erosion control management practices used on the bank.	No	Yes	No data entered into GRTS.

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04-107-553-0 Upper Pajaro Vegetated Buffer Strips (Pajaro River Watershed)	1) Final Project Report submitted 02/19/08. 2) Final invoice processed 04/25/08. 3) Installation and monitoring of two and one-half acres of vegetated buffer strips	No	Yes	No data entered into GRTS.
Major achievement this reporting period: Completed grants 04-133-553-0 Arroyo Grande Creek Watershed On Farm Coastal Water Quality Implementation, 04-107-553-0 Upper Pajaro Vegetated Buffer Strips For 04-133-553-0 two micro-irrigation projects completed to provide a total combined estimate of water savings for 427 acres of 168 acre-feet/year and drainage improvements and construction of 4500 square feet of vegetated buffer strip on 381 acres. Sampling based estimate reduction of 75 cubic yards (126 tons) of sediment. For 06-128-553-0 installed two off channel cattle water troughs with frog access. For 04-228-553-0, in 2007 construction period addressed erosion from 6,300 linear feet of road and estimate sediment reductions of 34,070 cubic feet over the next decade.				

<u>Task 3: Agricultural Water Quality/Discharge Control Efforts</u>			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Education and Outreach	Subtask 3.2.1: Education and outreach (MM 1G): A) Number of farmers participating in WQ education classes; B) Number of UCCE presentations and other education events; C) Number of farmers receiving at least five hours of WQ education; D) Number of new completed farm plans. E) Number of Food Safety and Water Quality Coordination efforts Subtask 3.2.2: Partnership Coordination:	3.2.1 A) Yes B) Yes C) Yes D) Yes E) Yes	B) Analysis of grant leveraging has proven infeasible due to staffing constraints

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	<p>A) Board agenda items or EO reports summarizing coordination efforts. B) For every one-grant dollar leverage one non-grant dollar. Leveraged resources tracked on spreadsheets and displayed as a ratio.</p>	<p>3.2.2 A) Yes B) No</p>	
b. Management Measure Implementation Tracking	<p>Management measure tracking report evaluating management practice implementation</p> <p>Subtask 3.3 Implementation of irrigation management (MM 1F): A) Number of acres which are implementing irrigation management practices; B) Number of acres on which have plans to implement in the next three years.</p> <p>Subtask 3.4 Implementation of nutrient management (MM 1C): A) Number of acres which are implementing nutrient management practices; B) Number of acres on which have plans to implement in the next three years.</p> <p>Subtask 3.5 Implementation of pesticide management (MM 1D): A) Number of acres which are implementing pesticide management practices; B) Number of acres on which have plans to implement in the next three years.</p> <p>Subtask 3.6 Implementation of erosion control (MM 1A): A) Number of acres which are implementing erosion control practices; B) Number of acres on which have plans to implement in the next three years.</p>	<p>3.3 A) Yes B) Yes</p> <p>3.4 A) Yes B) Yes</p> <p>3.5 A) Yes B) Yes</p> <p>3.6 A) Yes B) Yes</p>	<p>Revised Management Practice checklist and summary report were previously submitted task was completed. Growers will not submit another checklist until 2009; in the interim we will track practices implemented as a result of inspections. We will also develop a revised management practice reporting form to enable us to better evaluate practice implementation.</p>
c. Enforcement and Inspections	<p>Subtask 3.7.1 Enforcement: A) Number of NOV's and ACLs issued and completed</p> <p>Subtask 3.7.2 Site visits and inspections: A) Number of inspections completed</p>	<p>A) Yes A) Yes</p>	
d. Water Quality Monitoring	<p>Subtask 3.8 Water Quality Monitoring: A) Number of Progress Reports for the Cooperative Monitoring Program (CMP) summarizing water quality data.</p>	<p>A) Yes B) Yes</p>	

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	B) Number of Follow-up Projects approved/completed		
e. Database management	Subtask 3.9 Continued Enrollment database maintenance	Yes	
Deliverables due this reporting period:			
<p>Ag waiver program implementation and improvement of water quality/protection of beneficial uses. Specifically:</p> <ul style="list-style-type: none"> Education events: <ul style="list-style-type: none"> a) 64 water quality education classes were certified for water quality credit; b) Staff gave presentations at 13 events (Pest Control Advisors, Morro Bay advisory committee meeting and Morro Bay city council meeting) Enrollment Status: 1735 growers are actively enrolled in the program (an increase of 35 during this reporting period), 1419 growers have completed farm water quality plans (an increase of 134), and 1127 growers have completed 15 hours of water quality education. 			
Major achievements this reporting period:			
<ul style="list-style-type: none"> Received enrollment and back payment for monitoring costs from the five Administrative Civil Liability Complaint recipients and are in process of settling their cases for failure to enroll in the Conditional Waiver for Irrigated Lands Developed case studies of water quality data and pesticide usage for two areas, Quail Creek (Salinas) and Oso Flaco (Santa Maria) Continued development of monitoring data management system and tools for data analysis. Conducted 34 inspections on 12,419 acres, including focused watershed inspections in Quail Creek (Salinas) and Oso Flaco (Santa Maria). Worked with multiple partners to raise concerns about the impact of new food safety requirements for growers of leafy greens on water quality and wildlife. Began outreach effort with large buyers who are setting their own standards for food safety. 			
<p>Attached:</p> <ul style="list-style-type: none"> Agricultural Program Update (EO reports for March and May, 2008) 			
<p>Environmental benefit expected or achieved: We expect to see water quality improvement within the next five years, as demonstrated through the agriculture waiver monitoring program, as all growers develop and implement the required farm water quality management plans. We expect to complete an analysis of water quality trends at some sites during the coming year.</p>			

Task 4: Watershed Management Activities

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Inter-agency Coordination	Task 4.1 Inter-Agency Coordination: A) Provide compendium developed from symposium gathering/presentations	A) No B) Yes	A) Not completed..

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	B) For every one-grant dollar leverage one non-grant dollar. Leveraged resources tracked on spreadsheets and displayed as a ratio.		
b. Intra-agency Coordination	Task 4.2: Intra-Agency Coordination, NPS staff: A) Coordinate use of funds (SEP, Guadalupe, Avila, etc.) B) Track watershed expenditures of funds C) Develop a list of current projects D) Evaluate expenditures, outcomes, and revise effort to improve protection and enhancement of water quality and associated beneficial uses.	A) Yes B) Yes C) Yes D) Yes	
c. Watershed Working Group Outreach	Task 4.3: Watershed Working Group Outreach: 1) Completed watershed management plan for Rincon Creek. 2) Completed priority projects from Carpinteria Creek's watershed management plan. Final List 09/06 3) Provided comments to Santa Barbara County on their Draft Integrated Regional Water Management Plan.	1) Yes 2) No 3) Yes	1) Progress is being made in both watersheds towards implementing projects from the plans. Below is a brief breakdown: Rincon -Applied for Arundo removal in Rincon this year. Will know early next year about this, - Continuing to work with CalTrans to try and get the 101 culvert remedied, no progress yet. Carpinteria - Four fish passage barrier removal/modification projects are going to be implemented this year (Bliss, Cate, Raya & Gob. Debris basin), - Arundo removal has been taking place in the watershed and the first phase is now complete and moving towards monitoring and retreatment, - Working with Santa Barbara Channel Keepers towards implementing a volunteer water quality monitoring program in the Carpinteria valley (all three watersheds within the City of Carpinteria) - Restoration of Carpinteria creek mouth. 2) Grant proposal reached round 2 and placed on the call back list.

d. Enforcement	Task 4.4: Enforcement, Citizen Complaints, Discharges: 1) Informal and formal enforcement action items; board agenda items [formal enforcement] 2) Compliance level of 80 percent	1) Yes 2) Yes	
e. Permit Streamlining for Santa Barbara and SLO Counties	Task 4.5 Permit Streamlining: 1) Program development and implementation, in the CEQA process	1) Yes	
<u>Deliverables due this reporting period:</u>			
Development of Irish Hills Natural Area Easement Acquisition contract for Avila funds.			
Major achievement this reporting period: Irish Hills Natural Area Easement Acquisition contract			
Environmental benefit expected or achieved: Conservation of approximately 1800 acres in the Irish Hills for the protection and enhancement of water quality and associated beneficial uses.			

NPS Program Summary

This reporting period, the Los Angeles Water Board Nonpoint Source Program focused on implementing the Los Angeles Region Conditional Waiver for Irrigated Lands (Order No. R4-2005-0080) and atmospheric deposition control.

During the second half of FY 2007-2008, discharger groups in both Los Angeles and Ventura Counties submitted Annual Water Quality Monitoring Reports to the Regional Board. Staff reviewed the reports and provided comments to each discharger group. In addition, staff met with representatives of each group to discuss the results of the first year of water quality monitoring and program improvement strategies. The results of water quality monitoring in both Los Angeles and Ventura counties demonstrated exceedances of water quality benchmarks established in the Conditional Waiver. Therefore, each group will be developing Agriculture Water Quality Management Plans (WQMPs), which will include the implementation of BMPs to mitigate the exceedances.

Many growers have attended water quality education courses required by the Conditional Waiver. Regional Board staff continued outreach efforts to enroll growers under the waiver either as individuals or members of the discharge groups. On March 13, 2008, the Regional Board sent notices of violation to approximately 700 growers in Los Angeles County who had not yet enrolled in the waiver. Regional Board staff continues to participate in meetings and workshops to update the agriculture community on the progress and requirements of the Conditional Waiver program.

Regional Board staff has continued their investigation into sources of atmospheric deposition of metals to waterbodies in the Region. Staff has completed a review of air deposition modeling reports submitted by the top emitters of metals in the Region. These reports were required by a 13267 letter issued by the Executive Officer in May 2007. Staff also met with several refineries to review and comment on their proposed Regional model, which is due in September 2008. Staff has continued to meet internally to discuss load reduction strategies and develop load allocations to address air deposition of metals in TMDLs. However, staff is currently prevented from taking further action on air deposition as it relates to TMDL/stormwater implementation due to a recent Court ruling and Writ of Mandate (Cities of Arcadia et al. v. SWRCB and LARWQCB). Therefore participation in public meetings or development of TMDLs and load allocations for air deposition will be delayed until the Regional Board can address the requirements of the Writ.

There were no 319 grants to manage in this reporting period. However, State Board recently approved a 319 grant to the reduce nutrient and toxicity TMDL loads in the Calleguas Creek and Santa Clara River Watersheds which staff will oversee in upcoming reporting periods.

Task 1: NPS Program Coordination			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	3.Final Semi-annual Progress Reports (see Deliverables 1.03 and 1.04) - Due 07/18/08	Yes	Semi-annual report is being submitted.
	4. Completed checklist of any of the six (6) Success Story categories (see Deliverable 1.05) – Due 8/15/08	Yes	Projects for future success stories under EPA Category 2 have been identified, but MPs not yet implemented – staff will complete checklist by 8/15/08 for future success story.
	5. Written Success Story based on completed checklist (see Deliverable 1.06) – Due 12/15/08	Yes	Success story will be submitted.
b. Information Exchange/Outreach	1.Actively participate in one (1) monthly phone call and one quarterly RT by sharing regional success, problem, or activity. - Ongoing	Yes	Participated in 03/06/08 and 07/14/08 RT phone calls.
	2. Attend at least 2 subcommittee meetings – As needed	N/A	No subcommittee meetings this period.
c. Contract/Grant Proposal Development and Review	1.Participate in development of Request for Proposal (RFP) documents for SWRCB consolidated grants program - TBD	Yes	Staff participated in 6/26/08 319h grant kickoff meeting.
	2.Coordinate with potential project proponents in developing CWA 319 project proposals - TBD	Yes	Staff is working with agriculture community to identify potential projects to implement MPs identified in WQMPs required by Conditional Waiver.
d. Nine Elements	1. During grant application reviews, review and confirm that the 9 elements of a watershed plan listed as part of the grant application are accurate and complete. - Due 02/09- 02/09	Yes	Staff will review proposals for 9 elements when proposals are due on ~12/08
e. Measure W	1. Indicate how the Region is working towards attaining and documenting attainment of the US EPA Strategic Plan Watershed Sub-objective Restoration and	Yes	Staff will oversee implementation of new grant in Calleguas and Santa Clara River watersheds to implement nutrient and toxicity

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	Improvement Strategic Measures (“Measure W”) for those High Priority Watersheds in your Region (e.g.; Santa Clara River and Calleguas Creek). – Due 06/09		TMDLs
f. Critical Coastal Areas	1. Participate in Critical Coastal Area (CCA) committee meetings (via telephone) and provide deliverables as assigned by the CCA committee as needed. - Ongoing	N/A	No CCA meetings this period.
<u>Deliverables due this reporting period:</u>			
N/A			
Major achievement this reporting period: The major achievement in program coordination was State Board approval of a grant to the University of California Cooperative Extension for their project titled “Implementation of Management Practices to Reduce Nutrient and Toxicity TMDL Loads in the Calleguas Creek and Santa Clara River Watersheds.” State Board also approved funding for a conceptual proposal for the Proposition 84 Agricultural Water Quality Grant Program to institute a mobile irrigation laboratory to implement agricultural MPs, which NPS staff will oversee.			
Environmental benefit expected or achieved: Reduction of NPS pollution from agricultural runoff in Calleguas and Santa Clara River watersheds.			

Task 3: Agricultural Water Quality/Discharge Control Efforts

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Education and Outreach	1) Growers completing WQ education classes (goal: increase from 90% to 100% enrolled acreage has representative complete education in Ventura County. Increase from 20% to 40% enrolled acreage has representative complete education in Los Angeles County)	Yes	Staff approved 13 education workshops for continuing education requirements.

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	<p>- Ongoing</p> <p>2) Develop database to track outcomes – Due 06/09</p> <p>3) Conduct LA County Ag Waiver workshops (1-2 workshops) - Ongoing</p> <p>4) Increased enrollment of growers in LA County (~25-50 new enrollees) – Due Fall 2008-Spring 2009</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>Staff will develop database.</p> <p>Staff will work with UC Cooperative extension to include Los Angeles County workshops as part of recently approved grant.</p> <p>As a result of LA County NOV's issued in March, numerous growers have requested enrollment forms.</p>
b. Water Quality Monitoring and BMP implementation	<p>2) Review of discharger's annual monitoring report. Create tables, graphs, maps etc to analyze data and document baseline conditions. – Due 12/08</p> <p>3) Provide comments on draft WQMPs and approve final WQMPs – Due 09/08</p> <p>4a) Formal and informal meetings and discussions with discharger groups and growers, site visits as needed – Due 12/08-06/09</p> <p>4b) Develop database to track BMP implementation – Due 06/09</p> <p>5) Annual report from vineyards group. Stakeholder meetings as necessary – Due 01/09</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p>	<p>Staff has begun synthesizing the first year's monitoring data. Staff presented a poster on monitoring results at the Nonpoint Source Conference in May.</p> <p>Staff is helping groups prepare WQMPs and will provide comments.</p> <p>Staff continues to meet with growers.</p> <p>Staff will develop database when AWQMPs are submitted.</p> <p>Staff reviewed first year's monitoring report and decided to revoke alternative monitoring requirements (i.e., IPM) for vineyard group. Staff will work with vineyard group to submit new MRP and QAPP for regular monitoring requirements. Second annual monitoring report may be delayed as a result of revised</p>

2008

			monitoring requirements.
c. Notice to Comply, Notice of Violation, and Enforcement	1) Issue approximately 700 NOV letters – Due Summer and Fall 2008	Yes	Staff issued NOVs to LA County nonfilers.
	2) Track enforcement actions in database –Due Summer and Fall 2008	Yes	Staff will update database to track enforcement.
	3) Follow up and outreach to approximately 500 nonfilers in LA county through phone calls, letters, site visits, and workshops – Due 06/09	Yes	Staff has followed up with replies to Ventura County NOVs and will follow up with replies to LA County NOVs.
d. Enrollment of Individual Discharger	1. Conduct stakeholder meetings – As needed	Yes	Staff continues stakeholder meetings and will focus on individual enrollment in Summer 2008.
	2. Review enrollment documents – Summer 2008	Yes	
	3. EO issue NOA. Enroll ~ 250 – 300 acres under the individual waiver. – Due Winter 2008	Yes	If enrollment documents are approved, EO will issue NOAs.

Deliverables due this reporting period:

1. Verbal updates to roundtables, with summary of education credit approval (subtask 3.a)

Major achievement this reporting period: Discharger groups submitted their first annual water quality monitoring reports and revised these reports in response to staff comments. Staff met with discharger groups to assist in development of water quality management plans to implement MPs to address water quality benchmark exceedances detected in first year of monitoring. Staff issued notices of violation to nonfilers in Los Angeles County in March 2008 and followed up on grower responses to NOVs sent last fall to nonfilers in Ventura County.

Environmental benefit expected or achieved: Improved long-term water quality through widespread implementation of agricultural management measures: education, irrigation management, pesticide management, nutrient management and erosion control.

Task 4: Atmospheric Deposition Control

Subtask	Milestones	On	If no, discuss obstacles and problems
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2008

		Task (yes/no)	encountered; list any modifications to milestones
Air deposition load allocations for Port of LA and LB TMDLs	1-a) Attendance of other agency staff at TMDL development and implementation meetings. - Due 09/08 1-b) Establish air quality working group for Port of LA and LB TMDL – Due 10/08	No	Staff participated in conference calls but will be delayed in establishing and meeting with air quality working group because work on TMDL is suspended due to Writ of Mandate in Cities of Arcadia et al. v. SWRCB and RWQCB, LA Region.
	2-a) Study Final Report – Due 09/08 2-b) Discuss results at Port of LA and LB TMDL TAC meeting – Due 09/08	No	SCCWRP report was submitted but discussion of report is delayed due to Writ.
	3a) Stakeholder meeting to discuss load allocations – Due 10/08 3b) Write load allocations section of TMDL staff report – Due 01/09	No	Delayed due to Writ.
	4) Identification of management activities which will reduce air deposition loadings to Port Include discussion of management activities in implementation section of TMDL staff report – Due 02/09	No	Delayed due to Writ.
	5) Adopt TMDL – Due Spring 2009	No	Delayed due to Writ
b. Air emitter facility data assessment.	1) Review 11 modeling reports and follow up with 4-5 facilities. – Due 10/08	Yes	Reports have been reviewed and follow up letters drafted, but letters may not be issued due to Writ.
	2) Develop load reduction strategy – Due 12/08	Yes	Staff has met internally to discuss strategies.
	3) Identification of TMDLs in development which have an air deposition component. - Ongoing	Yes	Staff has internally identified TMDLs.

	4&5)Development of standard assessment techniques or allocation methods to deal with air deposition in TMDLs - Ongoing	Yes	Staff will develop internal assessment techniques and allocation methods but cannot implement due to Writ.
d. Citizen concerns	Updates to citizen groups on actions taken. Inclusion of concerned groups in TMDL development plans - Ongoing	No	Meetings or communications with citizen groups to discuss TMDL/stormwater issues, including air deposition, are delayed due to Writ.
<u>Deliverables due this reporting period:</u>			
Draft guidance on assessment of air deposition for TMDLs (subtask 4.b- 4&5)			
Major achievement this reporting period: The major achievement of this period was following up on the 13267 letters issued to air emissions of metals: reviewing modeling reports submitted, comparing to regional air deposition estimates, reviewing proposed model for group modeling effort by refineries.			
Environmental benefit expected or achieved: Improved water quality by reduction of air deposition contribution of pollutants to waterways.			

NPS Program Summary

Great strides were made this reporting period to stay on schedule with all the tasks. A documentary on salinity in the Central Valley is nearly complete and will likely be showcased at the 2007 NPS Conference. Two of the grant projects are expected to wrap-up in January 08, both with successful and meaningful water quality applications.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	3. Draft 319 workplan for FY 08-09. 4. Draft semi-annual progress report 5. First draft circulated	Yes	
b. Information Exchange/Outreach	4. Actively participate in one monthly phone call and one quarterly RT by sharing regional success/problem/activity. 5. Attend at least 2 conference planning mtgs/calls. 6. Attend at least 2 subcommittee mtgs.	Yes	
c. Contract and Grant Review	Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional priorities.	Yes	

Deliverables due this reporting period:

Major achievement this reporting period: Draft Workplan submitted and coordination of CA NPS Conference

Environmental benefit expected or achieved: Significant technology transfer at the CA NPS Conference

Task 2: 319 Project Management

Contract Number Project Name	Milestones/Products/ Outcomes 1/08 to 6/08	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
04-148-555-0	This project was completed and a Final Report submitted in Feb.,	Yes	Yes	Status: Final Report submitted in Feb.

2008

Pit River Watershed Coordinator Dennis	2008. Project products/outcomes included a comprehensive water quality study of the Pit River watershed (2003-05), completion of a Pit RCD Watershed Management Strategy, and implementation of several individual river/stream improvement projects. Those include Pit River channel erosion control at the Shaw Ranch, the Rose Cr restoration project, and improvements in livestock management on Ash Cr at ranches in the Ash Valley area.			2008 and project completed.
04-209-555-0 Education Leadership Development Catherine	In FY 07-08 the grantee is expected to: 1. Train four communities on the education program to train and educate K-12 th grade students in environmental projects, including water quality monitoring, restoration and watershed health. 2. Implement projects from the implementation plans to include: a. Developing educational programs for both leadership teams and student leaders b. Developing demonstration projects to include native plant gardens c. Developing educational materials such as student displays and newsletters d. Developing and implementing water quality monitoring plans e. Conducting workshops for community engagement and training f. Watershed issue facilitator development workshops 3. Submit final grant progress report (12/07)	No data collected	Yes	Status: Final Report submitted and approved. All grant requirements were met and therefore project was closed 25 Jan 08, slightly under budget..
04-310-555-0 Environmentally Responsible Management Practices for Tree Crops in the Feather River Diane	1. Prepare GIS map of annual use of targeted pesticides in watershed- annually each September; 2. Create outreach plan with maps of high and low use areas (overdue, expect in FY07); 3. Conduct interviews with community leaders, local farmers and service providers to identify barriers to an effective outreach program –Report annually; 4. Conduct one-on-one and small group meetings- Report annually; 5. Prepare fact sheets, video and audio PSAs in English and Punjabi –Report annually; 6. Establish demonstration sites for BMP installation (overdue, expect in FY07); 7. Complete QAPP and monitoring plan.	First WQ monitoring conducted on May 21, 2008. Results pending.	1. No. 50% complete. 2. No. 50% complete 3. Yes. 4. Yes. 5. Yes. 6. Yes. 7. Yes	Both items 1 and 2 are just a little behind schedule and will be completed in September.
Major achievement this reporting period:				

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Task 3: Coordination of Salinity Policy Development

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
1. Contract Oversight	Contractor will: a) Compile metadata on available salinity data from multiple sources. Obtain data quality information to ensure that the measures of the effectiveness of MMs to control salinity are comparable. b) Using available georeferenced data, create a rudimentary map of data sources to depict areas where salinity monitoring is occurring or has occurred in the past to assist prioritization of future monitoring efforts.	Yes	
2. Preparation of recommendations	Summary Report (staff will review and approve)	Yes	
3. Public Participation	Salinity documentary	Yes	
4. Internal coordination	Summary of internal coordination meetings	Yes	

Deliverables due this reporting period:

1. Data repository-**The data repository is housed at Fresno State. There is no deliverable.**
2. Report reviewing available data from ongoing projects and providing recommendations regarding monitoring and oversight.
3. Salinity distribution map(s)
4. Database user guide & summary report on salinity data compilation task
5. Salinity Documentary-Complete. **Will not have copy until it airs August 19th.**
6. Summary of internal coordination meetings

Major achievement this reporting period:

Completion of the contracted reports and documentary. Successful coordination with the SJR TMDL unit to negotiate an MAA for implementation of the salinity and boron TMDL. Successful coordination with ILP unit to address salinity in ag coalition pollutant management plans

Environmental benefit expected or achieved:

reports: informed public access to salinity data enhanced; documentary: increased public awareness of salinity as a water quality problem, behavioural changes anticipated to result in decreases in personal saline discharges and increased ratepayer support for local salinity management . internal coordination: better facilitate information transfer between programs and regulated stakeholders, consistent message, reduction in missed opportunities to address saline discharges.

Task 4: Clear Lake Consolidated Mercury and Nutrient Total Maximum Daily Load (TMDL) Implementation			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Lake TMDL Stakeholder Group	Development of a MOU between responsible parties to implement the TMDLs.	Yes	
b. Monitoring, Assessment & Implementation Coordination	Monitoring programs will be coordinated. Monitoring data will be used for refining nutrient and mercury loads.	No	Staff continue to coordinate monitoring efforts to ensure TMDL requirements are met, however, monitoring data has not been evaluated to produce refined load estimates yet.
c. Watershed assessments and management plans.	Comment on draft assessment and plans.	Yes	
<u>Deliverables due this reporting period:</u>			
1. Draft MOU between responsible parties 2. Mercury and nutrient load estimates – refined load estimates are not available yet. Likely will be a deliverable for next reporting period. 3. Comments on draft assessments and plan – Staff comments were relayed verbally at the May and July 2008 Stakeholder group meetings.			
Major achievement this reporting period: Staff continue to coordinate and provide technical assistance to the Stakeholder group including reviewing products from the monitoring program. The County has produced new maps of mercury and methylmercury hot spots in the area of Utopia Mine.			
Environmental benefit expected or achieved: Development of refined load estimates will allow the responsible parties to develop effective implementation strategies for reducing loads of mercury and nutrients to the Lake.			

Task 5: Wetlands Assessment and Management Practice Implementation			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Identify relevant grant projects.	Summary of grant projects and linkage to the MP Miner	Yes	

b. Identify relevant regulatory projects.	Summary of Regional Water Board Programs	Yes	
c. Identify external projects, programs and processes related to wetlands.	Summary of external programs to coordinate	Yes	
d. Develop strategy for coordination.	Summary of recommendations	Yes	
<u>Deliverables due this reporting period:</u>			
a. Summary of grant projects b. Summary of Regional Water Board Programs c. Summary of external programs d. Recommendations for strategy development			
Major achievement this reporting period: Staff reviewed the summary of grant projects and internal and external programs related to wetlands and developed recommendations for future work to develop a wetlands strategy for the Central Valley Water Board.			
Environmental benefit expected or achieved: Improved water quality through encouraging use of wetlands as treatment systems and restoring wetland habitat while ensuring methyl mercury production is minimized.			

Task 6: Watershed Support

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
1. Education and Outreach	Ongoing support of approximately 25 watershed programs, Assist in planning and attending watershed/ BMP Workshops . 4 management plans and 4 monitoring reports. 6 workshops	yes	
2. Project Implementation	Stream restoration project technical support mtgs, 2b. Project designs 2c. Ranch Plans 2d. NPS grazing program	Yes	Status: With regard to Ranch Plans and NPS Grazing program, Staff time (319 funded) focused on development of alternatives to the R5 Irrigated lands conditional waiver. The desired outcome is a R5 NPS program that is appropriate to ranch and farm operations in the upper watersheds (i.e. above the Central Valley floor). Several meetings and discussions have occurred between R5 staff,

			management and within the ranching community. Program alternatives have been developed and are being evaluated.
3. Intra-agency Coordination	Coordination meetings	Yes	Description of the R5 NPS program is under development in order to enhance communication and coordination between the numerous R5 NPS program elements.
4. Inter-agency Coordination	Coordination meetings	Yes	Ongoing IACC subcommittee mtgs, coordination with DFG, CALFire, Army Corps of Engineers, and USFS on timber, Stormwater, and 401 water quality permitting.
<u>Deliverables due this reporting period:</u>			
1d. Four Management plans 1e. Two Monitoring Plans & QAPPs, two Monitoring reports 1f. Six workshop agendas, 2a. Implement approximately 12 watershed projects, 3a. Synopsis of each watershed group's achievements (07-08) and status			
Major achievement this reporting period:			
Environmental benefit expected or achieved:			

NPS Program Summary

Region 7's NPS Program focuses on TMDL implementation in the Salton Sea watershed, our Priority Watershed. Our 319(h) grant program supports the TMDL implementation efforts.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	6. Submitted final 319 workplan for FY 08-09.	yes	
b. Information Exchange/Outreach	7. Participated in monthly conference calls. 8. Attended 2008 Nonpoint Source Conference, San Diego, CA.	yes	
c. Contract and Grant Review	Participated in reviews to ensure that grants/contracts awarded to projects within the region reflect regional priorities.	yes	

Deliverables due this reporting period:

Final 2008-09 CWA 319 Workplan

Major achievement this reporting period:**Environmental benefit expected or achieved:****Task 2: 319 Project Management**

Contract Number Project Name	Milestones/Products/ Outcomes 01/08 to 06/08	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
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2008

Voluntary TMDL Compliance Program 06-287-557-0	Conducted on-farm consulting services (landowner access agreements, field visits, determine causes of erosion, assist with farm water quality management plans, identify/develop/modify on-farm BMPs) Update and maintain program website		Yes	
Agricultural Management Practices for Phosphorous Reduction in the Salton Sea Watershed 04-127-557-1	Work performed this period includes ongoing irrigation of alfalfa fields, and analysis of runoff water for P, as well as NO3, EC, and sediment. Conducted a presentation (“Nutrient Management of Alfalfa Using a Limited Water Supply”) at the Southwest Desert Region Nutrient Conference in El Centro. Approx. 50 people attended. Conducted presentations on the irrigation/water quality program in Imperial Valley at the Career Day of Southwest High School in El Centro. Approx. 60 students attended. “Runoff Recovery Systems Designs and Construction” handbook will be available soon.		Yes	
Nutrient Control of Agricultural Runoff Water 04-126-557-2	An evaluation of Elephant grass and Sudan grass as an effective biofilter, in controlling ground and surface water contamination when irrigated with significant amounts of excess nutrients from dairy effluent and municipal wastewater, was conducted. Results will be available next quarter.		Yes	
Major achievement this reporting period:				

Task 3: Sediment TMDL Implementation

Subtask	Milestones 01/08 to 06/08	On Task	If no, discuss obstacles and problems
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2008

		(yes/no)	encountered; list any modifications to milestones
Coordinate with Imperial County Farm Bureau (ICFB) to implement Voluntary TMDL Compliance Program	Twenty two site visits made by the On-Farm Consultant to evaluate and make recommendations for improvements. Follow-up visits were made.	Yes	
TMDL Compliance Monitoring	Monthly Sediment TMDL Implementation monitoring for the Alamo and New Rivers at a total of ten locations. Water quality datasets for total suspended solids (TSS) and turbidity are being reviewed and will be available in the next report.	Yes	Lack of a State budget, and maintaining a lab contract have been issues in this region.
Management/Oversight of Tracking Program	Reviewed reports and data submitted by ICFB and IID to comply with TMDL requirements (IID's Revised Drain Water Quality Improvement Plan Quarterly Reports. Corresponded and met with ICFB and IID staff as needed regarding the adequacy of their reports and data. Attended monthly Drain Maintenance Committee meetings.	Yes	
Enforcement	No enforcement actions were taken during this reporting period.	Yes	
Reporting to Regional Board	Reported to Regional Board members via memos and at Regional Board meetings.	Yes	
<u>Deliverables due this reporting period:</u>			
ICFB Voluntary TMDL Compliance Program, Voluntary BMP Effectiveness Monitoring Documentation			
Major achievement this reporting period:			
Environmental benefit expected or achieved: Most sampling locations on the New River, Alamo River, and major agriculture drains are already in compliance with Sediment TMDL Phase 2 numeric targets. Phase 2 targets are due 12/31/08 and are 240 mg/l TSS for the Alamo River, 213 mg/l TSS for the New River, and 282 mg/l TSS for the Imperial Valley Drains.			
<u>319 Program Summary</u>			

During the reporting period, work funded by CWA §319(h) funds in the San Diego Region proceeded in a generally satisfactory manner. Nevertheless, 319(h) resources provided to the SDRWQCB fall far short of what is needed to adequately address nonpoint source problems and threats in the San Diego region.

<u>Task 1: 319 Program Coordination</u>			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	7. Draft 319 workplan for FY 07-08. 8. Draft semi-annual progress report 9. First draft circulated	yes	n/a
b. Information Exchange/Outreach	9. Actively participate in one monthly phone call and one quarterly RT by sharing regional success/problem/activity. 10. Attend at least 2 conference planning mtgs/calls. 11. Attend at least 2 subcommittee mtgs.	yes	n/a
c. Contract and Grant Review	Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional priorities.	yes	n/a
d. Critical Coastal Areas	Supply information to complete at least 2 information sheets or other documents	n/a	not done in this reporting period
<u>Deliverables due this reporting period:</u>			
Draft workplan for FY 2008-09 (Task 1.a.1): submitted 02/04/08 Semi-annual progress report for 07/07-12/07 (Task 1.a.2): submitted 01/10/08			
Major achievement this reporting period: n/a			
Environmental benefit expected or achieved: n/a			

Task 2: 319 Project Management				
Contract Number Project Name	Milestones/Products/ Outcomes 07/07 to 012/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
05-194-559-0 Rainbow Creek Nutrient TMDL Implementation	In FY 07-08, the grantee is expected to: 1. Draft Nutrient Reduction Management Plan; 2. Redraft Nutrient Reduction Management Plan; 3. Summarize Comments received; and 4. Evaluate results of Constructed Biofiltration Feasibility and Demonstration subtask.	yes	no	Testing and monitoring equipment for pilot projects had to be reinstalled after it was destroyed by wildfire. This resulted in delays. Grantee has requested a six-month time extension. SWRCB has neither approved nor denied the requested time extension.
03-285-559 <i>Caulerpa taxifolia</i> Eradication Program	1. Complete surveys for <i>Caulerpa</i> in Agua Hedionda Lagoon. Provide final reports on survey results. 2. Complete outreach and education work. Provide final reports describing outreach and education done.	yes	yes (contract completed 12/31/07)	n/a
06-121-559-0 <i>Caulerpa taxifolia</i> Eradication Technique Development	1. Review literature, convene eradication experts, and design a study to test various eradication methodologies. 2. Obtain necessary permits, and conduct laboratory and field tests to evaluate how different eradication chemicals & techniques work in four different coastal environments.	yes	yes	n/a
Major achievement this reporting period: n/a				

Task 3: <i>Caulerpa</i> Detection, Eradication, and Prevention			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Facilitate functioning of SCCAT	Completion of agendas, minutes, and action item summaries for all SCCAT meetings in accordance with schedule.	yes	n/a
b. Direct detection efforts	Participation in all SCCAT meetings.	yes	n/a
c. Direct outreach and education efforts	Participation in all SCCAT meetings.	yes	n/a
d. Direct development of eradication technique	Participation in all SCCAT meetings.	yes	n/a
<u>Deliverables due this reporting period:</u>			
SCCAT meeting agendas and minutes			
Major achievement this reporting period: Surveillance conducted to detect <i>Caulerpa</i> in southern California coastal waters (see subtask 3.b) was completed in March 2008. No <i>Caulerpa</i> was found.			
Environmental benefit expected or achieved: <i>Caulerpa</i> are extremely destructive and invasive non-native seaweeds that pose a significant threat to marine ecosystems, so eradication of existing infestations and prevention of new infestations of <i>Caulerpa</i> is critical to protecting and restoring the health of southern California coastal waters.			

Task 4: Wetlands and Riparian Areas Protection			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. CEQA document review	CEQA comment letters on proposed projects with significant potential impacts to waters of the state	yes	n/a
b. Pre-application meetings	Pre-application meeting summaries and estimates of reduced impacts of proposed projects (note that for some projects, several years may elapse between pre-application meeting and submittal of actual request for certification)	yes	n/a
c. Application processing	Final certification for projects with significant proposed impacts to jurisdictional wetlands	yes	n/a
d. Compliance inspections	Review of previously issued certifications and inspection of sites to assess compliance and functional success of mitigation	no	Compliance inspections found violations, which resulted in lengthy enforcement actions, which reduced time available to conduct inspections
e. Enforcement	Enforcement action where there is failure to comply with certification requirements	yes	n/a
f. Plans and policies for protection of wetlands and riparian areas	Participate in workshops and meetings scheduled by the SWRCB.	yes	n/a
<u>Deliverables due this reporting period:</u>			
Copies of Executive Officer reports to the SDRWQCB on CWA §401 certification work, including tabular summaries of actions on applications for CWA §401 certification and compliance and enforcement status. <i>(Also, an Executive Officer report on the “mitigation rule”)</i>			
<u>Major achievement this reporting period:</u> Compliance inspections (see subtask 4.d) found violations at six sites. Enforcement actions (see subtask 4.d) resulted in compliance being achieved. Three of the sites in violation were the responsibility of one municipality; the other three sites were the responsibility of another municipality. One of the municipalities hired a new staff person to ensure that compliance is achieved.			
<u>Environmental benefit expected or achieved:</u> Water quality degradation is a symptom of unhealthy watersheds. Since healthy wetlands and riparian areas are essential to the health of watersheds, protection and restoration of the natural characteristics of wetlands and riparian areas are critical to protection and restoration of the health of watersheds. Preventing / minimizing the loss and degradation of wetlands and riparian areas and their associated functions and beneficial uses and ensuring that appropriate and adequate mitigation is done where such losses occur is an important part of protecting and restoring wetlands and riparian areas. The inadequately funded CWA §401 certification program is critical to accomplishing this.			

